



Name: **Prof. Parshuram A. Ahire**

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Google Scholar ID : W9FCLN0AAAAJ

Research gate ID :

Orcid ID :


<b>Designation:</b>	<b>HOD &amp; Assoc. Professor</b>
<b>Name of the department :</b>	<b>Mathematics</b>
<b>Qualification :</b>	<b>M.Sc. [Maths] , NET</b>
<b>Teaching Experience:</b>	<b>UG : 31 Years PG : 13 Years</b>
<b>Address :</b>	<b>Dnyaneshwar Nagar, Malegaon-Camp Tal.-Malegaon, Dist- Nashik-423105</b>

**@A research paper published / presented:**

Year	Research Paper International Journal	Research Paper National Journal	Book Publish/ Chapter	Patent Publis h/ IPR	Resource Person	Conferences/Se minars/ Workshop organized / attended
<b>2014 to 2022</b>	<b>03</b>	<b>02</b>	<b>16</b>	<b>-</b>	<b>07</b>	<b>02 + 45</b>

<b>Year</b>	<b>Title of the paper</b>	<b>Name of the journal</b>	<b>Volume (ISBN/ISSN)</b>
2015-16	1.Use of Linear Equations & Matrices in Electrical Circuits	National Level:Curent Trends in Advanced Calculus	ISBN:978-81-930345-2-1
2016-17	2. A 'Metric Space' defined on 'Set of Positive Prime Numbers'.	International Conference on Pure & Applied Sciences-2016 12-14,Dec.-2016	Researchers World Journal- Vol.-VII, Dec-2016 ISSN:2229-4172 Impact Factor : 3.91
2021-22	3.New Congruence Method towards Assignment Problem	GANITA [Bharat Ganita Parishad]	ISSN-0046-5402 Vol- 71, Issue-1
	4.On Summation of Cardinalities of Subsets of A Finite Set	Research Journey	ISSN-2348-7143 Vol- Oct-21, Issue-278 Impact Factor- 6.625
	5.Determination of unknowns in Electrical Circuits using Linear Equations and Matrices.	International Journal of Innovative Research in Science, Engineering & Technology.	IJIRSET, Vol-11, Issue-3, March-2022 e-ISSN: 2319-8753 p-ISSN: 2347-6710 Impact Factor- 7.569

### @Books Published:

Name of Teacher/ Author	Titles of the Book	Place & Name of Publishers	Date of Publication	ISBN
 <p><b>Prof.P.A.Ahire</b> [M.Sc.NET]</p>     	04 +			
	5. Applied Algebra	Vision Publication, Pune	Jun.2014	978-93-5016-280-4.
	6. Business Mathematics	Vision Publication, Pune	July.2014	978-93-5016-285-9
	7) Comp. Geometry	Vision Publication, Pune	Oct.-2014	978-93-5016-293-4
	8) Applied Mathematics-I	Vision Publication, Pune	June-2016	978-93-5016-383-2
	9) Applied Mathematics-II	Vision Publication, Pune	June-2016	978-93-5016-395-5
	10) Elements of Discrete Mathematics (Reference Book)	Vision Publication, Pune	Apr-2018	978-93-5016-419-8
	11) Discrete Mathematics (Text Book)	Vision Publication, Pune	June-2019	978-93-5016-421-3
	12) Applied Mathematics (Text Book)	Vision Publication, Pune	Aug.-2019	978-93-5016-475-4
	13) Graph Theory (Text Book)	Vision Publication, Pune	Dec.-2019	978-93-5016-487-7
	14) Business Mathematics	Vision Publication, Pune	Dec.-2019	978-93-5016-487-7
	15) Groups and Coding Theory	Vision Publication, Pune	June-2020	978-81-946902-1-4
	16) Computational Geometry	Vision Publication, Pune	Dec.-2020	978-81-948357-8-3

Orientation courses: **01**  
 Refresher courses : **03**  
 Faculty Development Program me (FDP): **07**

### Administrative Experience:

Sr.No.	Designation	College	Period
1	Faculty Incharge [Science]	M.S.G.College, Malegaon	A.Yr.-2016-17
2	Vice-Principal	M.S.G.College, Malegaon	A.Yr.-2017-18
3	Vice-Principal	M.S.G.College, Malegaon	A.Yr.-2018-19

Representation on Academic / Administrative bodies / Member of organizational bodies.:

**Member of College Development Committee from 2017 to 2022.**

**Teaching Experience: 31 Years**

**Awards :** Prof.P.A.Ahire receive awards for having secured the highest number of marks in Mathematics Special at the B.Sc. Exam.of Uni. Of Pune Held in April-1990.

1. Prof. D.W. Kerkar Prize in Mathematics .
- 2.The Shankarrao Kale Mathematics Prize .
- 3.The Late Vilas Wamanrao Giridhar Smriti Paritoshik.

**Recognitions:** Recognition as a Post-Graduate Teacher w.e.f. date : 30.11.2017 to till date of Superannuation.

**Research Guidance for M.Phil./Ph.D./Project – --**

### Orientation/Refresher by Faculty:

Sr.No.	Orientation/Refresher	Sponsored by	Place	Date
1	Orientation	UGC	ASC,Dr.B.A.Marathwada University, A'bad	30-Jan to 28-Feb.-1995
2	Refresher-I	UGC	ASC, R.D. University, Jabalpur, (M.P.)	24-Nov. to 13-Dec, 1997
3	Refresher-II	UGC	ASC, University of Pune, Ganeshkhind,Pune	3-Sept. to 23-Sept, 2003
4	Refresher-III	UGC	ASC, University of Pune, at New Arts,Com.& Sci. College, A'Nagar.	12-Nov to 2-Dec, 2004.

### Conference/Workshop Organized:

Name of the Workshop/Conference	Date/Year	Sponsoring Agency
National Level Conference on 'Recent Trends in Mathematics & It's Applications'	<b>27 - 29<sup>th</sup> Dec.-2018</b>	B.C.U.D , Uni. of Pune & M. S. G. College, Malegaon-Camp,(Nasik)
Syllabus Restructuring Workshop on S.Y.B.Sc./ B.Sc.(C.S.) & M.Sc.-II [Maths] classes in SPPU	<b>5<sup>th</sup> March-2020</b>	SPPU, Pune & M. S. G. College, Malegaon-Camp, (Nasik)
Webinar on Paradox Logic is illogic	<b>09.11.2020</b>	Speaker: Prof.Mayur Kshirsagar ( Fergusson Uni.Pune)
Webinar on Financial Literacy	<b>22.11.2021 [12:30 to 2:00 pm]</b>	Speaker: Gayatri Joshi, Resource Person of Bombay Stock Exchange
Webinar on Carrier Guidance in Mathematics	<b>08.02.2022 [12:00 to 1:30 pm]</b>	Resource Person: Dr.Yashwant M.Borase Prof.In.Maths,SPPU,Pune

Experience as Resource Person for:-

#### # Guest Lectures/Resource Person :

Prof.P.A.Ahire delivered lectures on:

- 'Complex Analysis & Applications' for National Level Workshop on SET-NET at K.T.H.M.College Nashik from date- 01.06.2017 to 11.06.2017.
- 'Syllabus of Number Theory' in Workshop on Restructured Syllabi of TYBSc (CBCS-2019 Pattern) at Annasaheb Awate Arts & Hutatma Babu Genu Science College,Manchar,Pune on dt. 04.08.2021.

- “Complex Analysis & Applications” during online NET/SET Guidance Workshop organized by L.V.H.Panchavati College, Nashik on occasion of Golden Jubilee Year 2021-22 celebration on dt.24.08.2021.

#### # Paper Setter ( Other than UoP):

Prof.P.A.Ahire worked as Paper Setter for:

- MPSC for subject ‘Intelligence Test (Mathematics)’ from 2009. Recently 2015, 2017, 2018, 2019,2021,2022,2023.
- YCMOU, Nashik for subject ‘Prepo(E),Mathematics-002’ in 2016 & 2017.

#### # E-content developed link: Number Theory

<b>Ch.1- Unique Factorization</b>	<a href="https://drive.google.com/file/d/115vsDuL4SWVIq_Gj_bEpBM2bZBBRqaKD/view?usp=sharing">https://drive.google.com/file/d/115vsDuL4SWVIq_Gj_bEpBM2bZBBRqaKD/view?usp=sharing</a>
<b>Ch.2- Congruences</b>	<a href="https://drive.google.com/file/d/111tmwCnVIEYuodTHXeirhFAds7z1OOFR/view?usp=sharing">https://drive.google.com/file/d/111tmwCnVIEYuodTHXeirhFAds7z1OOFR/view?usp=sharing</a>
<b>ch.3-Quadratic Reciprocity</b>	<a href="https://drive.google.com/file/d/1so_Y1TnSq1ZXIpC9ORzisU4FO5N7lrQ/view?usp=sharing">https://drive.google.com/file/d/1so_Y1TnSq1ZXIpC9ORzisU4FO5N7lrQ/view?usp=sharing</a>
<b>ch.4- Some Functions in Number Theory</b>	<a href="https://drive.google.com/file/d/19kP7uGfTodOAo6zDibiFWed7-Yiz-pQi/view?usp=sharing">https://drive.google.com/file/d/19kP7uGfTodOAo6zDibiFWed7-Yiz-pQi/view?usp=sharing</a>
<b>Ch.5:Algebraic Numbers</b>	<a href="https://drive.google.com/file/d/1PJM2G_7HGvalZec0XOwveVvnE3OHajgL/view?usp=sharing">https://drive.google.com/file/d/1PJM2G_7HGvalZec0XOwveVvnE3OHajgL/view?usp=sharing</a>

- **Conference/Seminar/Workshop Attended:**

Sr. No.	Level	Conference / Seminar/ Workshop	Title	Organizer & Venue	Date
Total	Int- 1	N-5	S-4	Uni.- 14	
25	University (Resource Person)	Workshop	Restructuring of S.Y.B.Sc. /B.A. (Maths) Syllabus.	K.T.H.M.College, Nasik.	24- Jan.- 2014
26	National (Paper Presented)	Conference	Recent Advances in Mathematics	BAMU & MMS, A'bad at Deogiri College, A'bad	23-25,Dec-2014
27	University (Resource Person)	Workshop	Revised Syllabus of Mathematics at TYBSc	BOS,SPPU & B.N.Sarda Sci. College,Sangamner	28,Feb-2015
28	State (Paper Presented)	Seminar	Current Trends I Advanced calculus	UGC & B.N.Sarda Sci. College,Sangamner	29,30-Sept-2015
29	International (Paper Presented)	Conference	Emerging Trends & Issues in Research & Development	BCUD,Pune Uni. & PG Depts MSG College, Malegaon-Camp.	17,18.Feb.-2016
30	National (Paper Presented)	Conference	Recent Trends in Fractional calculus: Theory & Applications	BCUD,Pune Uni. & L.V.H.College, Panchvati, Nashik	10,11,March-2016
31	International (Paper Presented)	Conference	International Conference on Pure & Applied Sciences 2016	BCUD,Pune Uni. & M.S.G.College, Malegaon-Camp.	12-14,Dec-2016
32	State (Paper Presented)	Seminar	Recent Applications of Mathematics & Statistics	BCUD,Pune Uni. & SPH Mahila College, Malegaon-Camp.	3,Feb-2018
33	National (Paper Presented)	Conference (Chaired Session)	Recent Trends in Mathematics & It's Application (RTMA-2018)	SPPU, Pune & MMS, A'bad at M.S.G.College,Malegaon	27-29. Dec-2018
34	State	Conference	Research Methodology	L.V.H.College, Panchvati, Nashik	30-31, Jan-2019
35	Online	FDP	Data Science with Python Programming	Smt.Kasturbai Walchand College, Sangali	12 to 14, June-2020
36	Online	FDP	GeoGebra 5.04	Willingdon College, Sangali & Spoken Tutorial IIT-Bombay	23 to 29, May-2020
37	National	Workshop	Office Mgt & Stress Mgt	D.S.Kadam Sci. College, Gadhinglaj, Kolhapur	26,May-2020
38	National	Seminar	Research Methodology& SPSS	T.C.College, Baramati	8,9-June-2020
39	University	Workshop	Restructuring of SYBSc/BCS & M.Sc.-II Syllabus	BOS in Maths,SPPU, & M.S.G.College,Malegaon	5,March-2020
40	International	Webinar	Mathematics & Mathematical Sciences	Ramkrishna Mission Vivekananda Centenary College, Kolkata	29,Aug-2020
41	National	Webinar	Life Long Learning Tools & Techniques of Evaluation	IGNOU Regional Centre, Hassan	28,29-Aug-2020
42	National	Webinar	On Hyperbolic Functions	Abasaheb Garware College, Pune	13,Oct-2020

43	National	Webinar	Research Opportunities in Mathematics	Ahmednagar College, A'ngr	26,July-2021
44	National	Webinar	Introduction to Fractional Calculus	Maitreyi College, Uni.of Delhi	29,Sept-2021
45	International	Webinar	Neoteric Development of Cosmology & Gravitational Theories	M.M.Mahavidyalaya, Darwaha,Yavatmal	29,Sept-2021
Total:	<b>International-06</b>	<b>National -17</b>	<b>State – 06</b>	<b>University- 16</b>	<b>45</b>