

Biodata

Dr. C. T. Aage

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Educational Qualifications:

Examination	University/ Board	Month & Year of Passing	Subjects	Marks Obtained (Out of)	% of Marks	Class/ Grade
SSC	Aurangabad	1995	General	558 (700)	79.71	First
HSC	Aurangabad	1997	Physics, Chemistry, Mathematics	405(600)	67.50	First
B. Sc.	Dr. BAMU, Aurangabad	2000	Physics, Chemistry, Mathematics	2366(3400)	69.58	First
M. Sc.	Dr. BAMU, Aurangabad	2002	Mathematics	623(800)	77.87	First
B. Ed	SRTMU, Nanded	2004	Science/Mathematics	503(800)	62.87	Second
NET	UGC/CSIR	2005	Mathematics	qualified		
Ph. D.	NMU, Jalgaon	2011	Mathematics	Awarded		

Doctor of Philosophy (Ph.D.) Mathematics

Thesis Title: Results on fixed points in certain spaces

Ph. D. Supervisor: Professor J. N. Salunke, School of Mathematical Sciences, S. R. T. M. U, Nanded

Achievements:

- Gold Medal in M. Sc. (Mathematics), Dr. B. A. Marathwada University, Aurangabad.
- Girdharrao Deshmukh Prize, Dr. B. A. Marathwada University, Aurangabad.

Software Exposure:

- **Computer Literature:** Fundamentals of Computer, Latex, Programming in C and using MATLAB,
- **Text formatting and office:** Latex, Microsoft Word and Power point.

Teaching Experience: 13 years 3months 26 days

Sr. No	Institution	Position	Nature of Appointment	Subject	Period of Appointment with dates
1	North Maharashtra University, Jalgaon	Assistant professor	Contractual UGC X th Plan	Mathematics	22/04/2006-31/03/2007 (11 month 9 days)
2	Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon	Assistant professor	Regular	Mathematics	06/09/2007-22/01/2020 12 years 4 month 17 days
Total: 13 years 3months 26 days					

Research Interest: Fixed Point Theory, Fuzzy Topology**Publications: 38**

	Math Sci Net	Scopus	Google Scholar
Total articles:	17	08	31
Total citations:	06	44	427
H-index:	--	04	09
i10-index:	--	--	07

- [1] P. G. Golhare and C. T. Aage, (2020), Dislocated quasi rectangular b-metric spaces and fixed-point theorems of cyclic and weakly cyclic contractions, Int. J. Nonlinear Anal. Appl. 12 (2021) No. 2, 173-191 ISSN: 2008-6822 (electronic) <http://dx.doi.org/10.22075/ijnaa.2020.18584.2023> **(ISSN: 2008-6822) (Web of Science) (Scopus) (AMS) (Thomson-Reuters)**
- [2] Nhavi D. R. and Aage C. T. (2019), Fixed point theorems satisfy property P in G_b -metric spaces, Electronic Journal of Mathematical Analysis and Applications, 7(2), 181-197. (ISSN- 2090729X, UGC- 48897). **(UGC Care List) (AMS)**
- [3] Golhare P. G. and Aage C. T. (2019), Dislocated quasi rectangular b-metric spaces and related fixed-point theorems, Electronic Journal of Mathematical Analysis and Applications, 7(2), 309-331. (ISSN- 2090-729X, UGC- 48897). **(UGC Care List) (AMS)**
- [4] Golhare P. G. and Aage C. T. (2019), Some fixed-point theorems on dislocated b-metric and dislocated quasi b-metric spaces, International Journal of Advances in Mathematics, 1, 27-43. (eISSN 2456-6098)
- [5] Golhare P. G. and Aage C. T. (2019), A study of fixed points of mappings satisfying E.A like property on dislocated quasi b-metric spaces, Applied Mathematics E-Notes, 19(2019), 65-79. (Scopus, Web Science)
- [6] C. T. Aage, J. N. Salunke (2017), Some fixed-point results in fuzzy metric spaces using a control function, Surveys in Mathematics and its Applications, Volume 12 **(2017)**, 23-34. ISSN 1842-6298 (electronic), 1843-7265 (print). (Scopus)
- [7] M. T. Shirude, C. T. Aage, Results on cyclic ϕ -weak contractions in fuzzy metric spaces, Advances in Fixed Point Theory, Vol 7, No 1 **(2017)**, 67-79. (1927-6303)
- [8] C. T. Aage and D. R. Nhavi, Some fixed-point theorems in b_G -metric spaces, International Journal of Engineering Science and Computing, Vol 6(12), **(2016)**, 3767- 3773. (IF 5.6)

- [9] M. T. Shirude, C. T. Aage, Some fixed-point theorems using property E.A. in fuzzy metric spaces, *International Journal of Engineering Science and Computing*, 6(11),**2016**, 3411-3414. (2321-3361)(IF 5.6) (4537)
- [10] C T Aage, and P G Golhare, On fixed point theorems in dislocated quasi b-metric spaces, *International Journal of Advances in Mathematics*, 1 (**2016**), 55-70. (2456-6098) (**citations 01**)
- [11] M. T. Shirude and C. T. Aage, Common fixed points of contractive mappings of integral type, *Advances in Applied Mathematical Analysis*, 10(1), (2015), 1-17. (ISSN 0973-5313) (**MathSciNet**)
- [12] S. G. Dapke and C. T. Aage, On intuitionistic fuzzy ψ -2-normed spaces, *Annals of Fuzzy Mathematics and Informatics*, X (3), 343-360. (September 2015). (**e-ISSN: 2287-6235**) (**citations 03**) (**MathSciNet**)
- [13] S. G. Dapke and C. T. Aage, Some Separation Axioms in Intuitionistic Fuzzy Topological Spaces, **Advances in Fuzzy Sets and Systems**, 19 (1), 25 - 44 (March 2015) (IF 1.28 **ISSN: 0973-421X**). (**MathSciNet**)
- [14] S. G. Dapke, C. T. Aage, J. N. Salunke, Intuitionistic fuzzy generalized normed spaces, *Annals of Fuzzy Mathematics and Informatics*, 7(3), (March 2014), 369–383. (**e-ISSN: 2287-6235**) (**citations 02**)(**If 1.11**) (**MathSciNet**)
- [15] S. G. Dapke, C. T. Aage, J. N. Salunke, A new form of fuzzy compactness, *Journal of Contemporary Applied Mathematics*, 2(2), (2012), 107-113. (**ISSN 2222-5498**) (**December**) (**citations 02**)
- [16] C. T. Aage and J. N. Salunke, fixed points for weak contraction in G-metric spaces, *Applied Mathematics E-Notes*, 12, (2012), 23-28. (**Citations: 25**) (**ISSN 1607-2510**) (Scopus, Web Science)
- [17] H. L. Tidke, C. T. Aage and J. N. Salunke, Existence and uniqueness of continuous solutions of mixed type integral equations in cone metric space, *Kathmandu University Journal of Science, Engineering and Technology*, 7 (I), (2011), 48- 55. (**citations 02**) (**ISSN 1816-8752**) (**September 2011**)
- [18] C. T. Aage and J. N. Salunke, Some common fixed-point theorems in fuzzy metric spaces using compatible of type A-1 and A-2, *Kathmandu University Journal of Science, Engineering and Technology*, 7(I), (2011), 18-27. (**ISSN 1818-8752**) (**September 2011**).
- [19] C. T. Aage and J. N. Salunke, Fixed points of (ψ, φ) -weak contractions on cone metric spaces, *Annals of Functional Analysis*, 2 (1), (2011), 59–71. (**IF: 0.49**) (**Citations: 04**) (**ISSN 2008-8752**) (**MR2811207**, **Zbl 1221.54048**) (**Web Science**)
- [20] C. T. Aage and J. N. Salunke, The study of fixed-point theorems in complete metric spaces, *The Mathematics Education*, XLV (2), June 2011,101-106 (ISSN 0047-6269)
- [21] C. T. Aage and J. N. Salunke, On Fixed point theorems in fuzzy metric spaces using a control function, *International Journal of Nonlinear Analysis and Applications*, 2 (1) (2011), 50-57. (**IF: 1.0447**, **Citations: 08**) (**ISSN: 2008-6822**) (**Web of Science**)
- [22] C. T. Aage and J. N. Salunke, Some fixed-point theorems for expansion onto mappings on cone metric spaces, *Acta Mathematica Sinica*, 27 (6), (2011), 1101–1106. (**IF: 0.644**, **Citations: 44**) (**ISSN: 1439-7617**) **Scopus, Web of Science**
- [23] [C. T. Aage and J. N. Salunke, Fixed points in dislocated quasi-metric space, *Bulletin of Calcutta Mathematical Society*, 103 \(2\), \(2011\), 135-142. \(ISSN: 0008-0659\) \(UGC Care List\)](#)
- [24] H. L. Tidke, C. T. Aage, S. D. Kendre and J. N. Salunke, On semilinear equations of mixed type in cone metric spaces, *International Mathematical Forum*, 5 (39), 2010, 1915–1925. (**IF:0.19 Citations 03**) (**ISSN 1312-7594**)
- [25] C. T. Aage and J. N. Salunke, Some fixed points theorems in generalized D*-metric spaces, *Applied Sciences*, 12 (2010), 1-13. (**Citations: 19**) (**ISSN 1454 5101**)
- [26] C. T. Aage and J. N. Salunke, On fixed point theorems in fuzzy metric spaces, *Int. J. Open Problems Compt. Math.* 3(2) (2010), 123-131. (IF 0.756, **Citations: 47**) (**ISSN 1998-6262**) (**September 2010**)
- [27] C. T. Aage and J. N. Salunke, Some fixed-point theorems in D*-metric spaces, *Journal of Nonlinear Functional Analysis and Applications*, 15(2), (2010) pp. 321-333. (**ISSN 1229-1595**)

- [28] C. T. Aage and J. N. Salunke, Some fixed-point theorems in fuzzy metric spaces, International Journal of Pure and Applied Mathematics, 56(3) (2009), 311-320. (IF: 7.19 Citations: 10) (1314-3395) (OCT 2009)
- [29] C. T. Aage and J. N. Salunke, Common fixed-point theorems in fuzzy metric spaces, International Journal of Pure and Applied Mathematics, 56(2) (2009), 155-164. (IF: 7.19) (1314-3395) (OCT 2009)
- [30] C. T. Aage and J. N. Salunke, On common fixed points for contractive type mappings in cone metric spaces, Bulletin of Mathematical Analysis and Applications, 1(3) (2009), 10-15. (IF: 1.0434, Citations: 10) (ISSN 1821-1291) Web of Science
- [31] C. T. Aage and J. N. Salunke, On common fixed-point theorems in complete metric space, International Mathematical Forum, 4 (3) (2009), 151 - 159. (IF: 0.19, Citations: 05) (ISSN 1314-7536)
- [32] C. T. Aage and J. N. Salunke, The study of fixed-point theorem for continuous densifying mapping in complete metric space, The Journal of Indian Academic of Science, 31(1) (2009), 31-35. (0970-5120)
- [33] C. T. Aage and J. N. Salunke, A note on fixed point and common fixed-point theorems in 2- metric spaces, International Journal of Math. Analysis, 2(28) (2008), 1381-1392. (IF: 0.13, Citation 1) (ISSN 1314-7579)
- [34] C. T. Aage and J. N. Salunke, A note on common fixed-point theorems, International Journal of Math. Analysis, 2(28) (2008), 1369-1380. (IF: 0.13, Citations: 04) (ISSN 1314-7579)
- [35] C. T. Aage and J. N. Salunke, The results on fixed points in dislocated and dislocated quasi metric space, Applied Mathematical sciences, 2(59) 2008, 2941-2948. (IF: 0.17, Citations: 129) (ISSN 1314-7552)
- [36] C. T. Aage and J. N. Salunke, Some results on fixed point theorems in dislocated quasi- metric spaces, Bull. of Marathwada Mathematical Society, 9(2) (2008), 1-5. (Citations: 61) (ISSN 0976-6049)
- [37] C. T. Aage and J. N. Salunke, Some fixed-point theorems in compact metric spaces, Vidarbha Journal of Science, 3(1) (2008), 16-21. (ISSN 0973-8932)
- [38] C. T. Aage and J. N. Salunke, The results on generalized Kannan mapping in R^n , Int. J. of Math. Sci. and Engg. App. 2(II) (2008), 87-93. (ISSN 0973-9424).

Proceedings: (03)

1. S. G. Dapke, C. T. Aage and J. N. Salunke, Note on intuitionistic fuzzy 2-normed space, proceeding of ICMS, 2012, Nagpur.
2. C. T. Aage and J. N. Salunke, On Common Fixed Points for Weakly Compatible Mappings, Proceeding of State Level Conference on Mathematics, Feb 28- 29, 2008, pages 1-12.
3. C. T. Aage, Effective Teaching in Mathematics at the Under Graduate Level, Proceeding of State Level Seminar on "Effective Teaching in Mathematics at Graduate Level, Jan 28-29, 2007, pages 57-60.

Books: (01 Published)

1. Engineering Mathematics II, Prakash Publication, 2014 (ISBN 978-93-81188-46-0)
2. Metric spaces and Topology (Paper I, M.Sc. I (Mathematics) IDEAL) (in Process of publishing)
3. Numerical Analysis and Operations research (Paper V, M.Sc. I (Mathematics) IDEAL) (in Process of publishing)

Ph. D. Student Awarded: (02)

1. **S. G. Dapke:** The study of fuzzy topological properties and related topics (27 October 2017)
2. **M. T. Shirude:** Some fixed-point theorems in cone and fuzzy metric spaces (08/10/2018)

Ph. D. Student Working: (04)

1. **D. R. Nhavi:** A study of generalized metric spaces and fixed-point theorems. (03.04.2014)
2. **P. G. Golhare:** The study of generalized metric spaces and related fixed-point theorems (09.02.2015)

3. **B. B. Patil:** The study of recent fixed-point theorems in generalized metric spaces **(2018)**
4. **Anuprita Karande: (2021):** Contributions towards the fixed-point theorems in generalized metric spaces

Minor Research Projects: 03 (Completed)

Name of Principal Investigator	Title of The Project	Duration	Amount (in Rs)	Funding Agency
Dr. C. T. Aage	Some results of analysis probabilistic and fuzzy metric spaces	01/07/2011 to 31/06/2013	1,25,000 (Minor)	UGC, New Delhi

Name of Principal Investigator	Title of The Project (VC-Project Scheme)	Duration	Amount (in Rs)	Funding Agency
Mr. S. G. Dapke Dr. C. T. Aage, Co-In	The study of some fuzzy topological properties	2013-15	40,000	NMU
Dr. C. T. Aage	The Study of Some Common Fixed Point Results in a b-Metric Spaces	24/03/2014 to 23/03/2016	70,000 (Minor)	NMU (VCRMS)

Membership of Professional Committees: (02)

- Life member of **Indian Mathematical Society (IMS)**
- Life member of **International Journal of Mathematical Sciences and Engineering Applications (IJMSEA)**

Design of Curriculum:

Name of the Course	Class	Academic Year
<ul style="list-style-type: none"> • MT-303 (A): Classical Mechanics • MT-304(B): Operations Research • MT-403(C): Difference Equations 	M. Sc. Department of Mathematics NMU	2011-2012
<ul style="list-style-type: none"> • Analysis • Topology • Numerical Analysis & Operations Research • Complex Analysis • Functional Analysis • Mechanics 	M.Sc. (Mathematics) IDEAL, NMU, Jalgaon	2013-2015
<ul style="list-style-type: none"> • MT-102: Topology • MT-105: Programming in C++ • MT-201: Complex Analysis • MT-202: Measure and Integration Theory • MT-205: Numerical Analysis with C++ 	M. Sc. Department of Mathematics NMU	2016-17

<ul style="list-style-type: none"> • MT-303(A): Classical Mechanics • MT-304 (E): Algebraic Topology • MT-305: Programming in MATLAB 	M. Sc. Department of Mathematics NMU	2017-18
<ul style="list-style-type: none"> • MT-401: Analytic Number Theory • MT-402: Transform Theory • MT-403(A): Advanced Functional Analysis • MT-304: Difference Equations • MT-404(A): Fuzzy Sets and Applications • MT-404(E): Theory of Fixed Points • MT-405: Operations Research 	M. Sc. Department of Mathematics NMU	2017-18
<ul style="list-style-type: none"> • MT-405: Operations Research 	M. Sc. Department of Mathematics NMU	2018-19

Evaluation: (Other University)

- Ph. D. Thesis: 05
- M. Phil Dissertation: 02
- Expert for two Ph.D. Viva-voce
 - Ph.D. Viva of Mr. Yadav at Shivaji University of Kolhapur on 28/06/2017
 - Vishakhapatnam

Administrative Work Experience

➤ University Appointed:

- Member of War Room for the online university examinations
- Member of Ad-hoc Board of Studies for the subject Applied Sciences under the Faculty of Science and Technology from 24.07.2018.
- Assistant Programme officer, NSS University UG and PG Unit, KBCNMU, Jalgaon form July 2018
 - Actively participated in 120 hours in different activities suggested by NSS office and 7 days winter camp
- Member of Committee of Student Induction Program (SIP) of KBCNMU, Jalgaon, 2018
- Central Assessment Program (CAP)
 - **Project officer** for Engineering faculty CAP from 17/05/2017 to 15/07/2017
 - **Project officer** for Science faculty CAP from 29/03/2017 to 03/05/2017
 - **Administrative officer** for CAP for Science faculty from 20/12/2013 to 21/01/2014
 - **Administrative officer** for CAP for Science faculty from 24/05/2013 to 02/06/2013
- Custodian
 - for the online question paper distribution (DES Cell) for examination Nov-2016 under DEPDS during December 24,2016 to January 03, 2017.
 - for the online question paper distribution (DES Cell) for examination May-2015 under DEPDS during May 05,2015 to May 09, 2015.
- Chairman of Ph.D. viva-voce & Member of Pre Ph.D.-Presentation
 - Chairman of Pre-Ph. D. submission presentation of Mr. Mule D. V. Patil on 28/12/2016
 - Chairman of Pre-Ph. D submission presentation of Mr. A. G. Patil on 1/10/ 2016

- Chairman of Ph. D. Viva of Parag Patil
- Member of Pre-Ph.D. & Ph.D. Viva of Mr. Shirude Mahendra Tryambak as a guide
- Member of Pre-Ph.D. & Ph.D. Viva of Mr. Sadashiv Ganpat Dapke as a guide
- Member of Pre-Ph. D viva of Ms Amruta Patil conducted on November 27, 2020
- Member of Pre-Ph. D viva of Mr. Mr. B. P. Gajbhare conducted on December 02, 2020
- Member of Pre-Ph. D viva of Mr. Mr. J. J. Patil conducted on December 07, 2020
- Jr. Supervisor for online Pre-Ph.D. Entrance Test on January 29-30,2013
- Jr. Supervisor for online Pre-Ph.D. Entrance Test on October 05, 2019

➤ Department Appointed

- In-charge of two Computer Lab (2013 to till date)
- In-charge of Departmental Library (December 2017 to till date)
- Assistant to Examination Coordinator from December 2018 to December 2019 and 2007 to 2011
- Esuvidha: Admission, Examination, Scholarship Management (2013-2016, 2018-2019)
- A-View Digital Classroom and NPTEL (2013-till date)
- In charge of Head: 25-28/11/2013, 8-9/05/2014, 22-25/05/2015, 12-13/06/2015
- Aviskar Co-ordinator of the Department 2016-2019
- **Member of Various Committees:**
 - Admission Committee
 - Examination Committee
 - Anti-ragging committee
 - Academic Committee
 - Discipline Committee

Member of Various Organizing Committee

❖ Conferences (06)

- Organizing member of National Conference on Algebra, Analysis and Number Theory at Department of Mathematics, North Maharashtra University, Jalgaon January 13-14, 2018.
- Worked as an organizing secretary and member for the 2nd National Conference on “Algebra, Analysis and Fuzzy Mathematics” organized by Department of Mathematics, North Maharashtra University, Jalgaon during January 29-30, 2016.
- Worked as member of Organizing Committee for Third Global Sustainable Biotech Congress-2014, organized by North Maharashtra University, Jalgaon in collaboration with Global Biotech Forum, Nagpur and Cety's University, Mexico during December 1-5, 2014.
- Worked as **Convener** of National Conference on “Algebra, Analysis and Fuzzy Mathematics” organized by Department of Mathematics, North Maharashtra University, Jalgaon during February 21-22, 2014.
- Worked as “**Treasurer**” and organizing committee member of national conference on “Current Practices in Mathematics, Statistics and Actuarial Sciences” organized by School of Mathematical Sciences, North Maharashtra University, Jalgaon during March 7-8, 2013.
- Organizing member of “National Conference on Industrial Statistics and Computational Mathematics”, organized by School of Mathematical Sciences, North Maharashtra University, Jalgaon during January 21-23, 2010.

❖ Workshops (05)

- Member of organizing committee for one day workshop on “Ramanujan and his work” on December 22, 2019 organized by Department of Mathematics, KBCNMU, Jalgaon under the celebration of NMD-2019
- **Co-coordinator** of State Level Workshop on NET/SET Examination in Mathematical Sciences (Mathematics) during December 05-11, 2018 organized by Department of Mathematics, KBCNMU, Jalgaon.
- Member of Organizing Committee for one day workshop on “Recent Trends in Mathematics” on March 3, 2019 organized by Department of Mathematics, KBNMU, Jalgaon under the celebration of NMD-2018
- The **coordinator** of the Workshop on Lilavati: Bhaskaracharya Treatise on 22.09.2017.
- Worked as member of organizing committee for on “Promotion of Mathematics Research and Opportunities” on March 24, 2014 at Department of Mathematics, North Maharashtra University, Jalgaon.

❖ Avishkar (13)

- **Coordinator** of accommodation of guests committee and certificate printing in Campus/District Level Avishkar-2019 on 30 December 2019
- **Coordinator** accommodation of guests committee and certificate printing in University Level Avishkar-2019 during 8-9, January 2020
- **Coordinator** of Accommodation and Transportation Committee at University Level Research Convention AVISHKAR-2018 (Phase-I & II) organized by Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon during December 26-27, 2018 and January 2-3, 2019 respectively.
- Worked as member of organizing Committee (Printing & Certificate committee) at AVISHKAR-2017 (Phase-I: District/ Regional Level Avishkar, December 21, 2017 and Phase II: University Level Avishkar, December 29-30, 2017) organized by North Maharashtra University, Jalgaon. Also worked as expert for posters in mathematics in District/ Regional Level Avishkar on December 21, 2017
- Organizing member of Avishkar-2016, University level organized by North Maharashtra University, Jalgaon during January 12-13, 2017.
- Organizing member of Avishkar-2016, District/NMU Campus level on January 3, 2017 organized by North Maharashtra University, Jalgaon
- Worked as member of organizing Committee for stage decoration for valedictory function in State Level AVISHKAR-2015 organized by North Maharashtra University, Jalgaon on January 2, 2016.
- Worked as member of stage committee at University Level Research Convention AVISHKAR-2015 (Phase-II) organized by North Maharashtra University, Jalgaon during December 22-23, 2015.
- Worked as member of organizing Committee at University Level Research Convention AVISHKAR-2015 (Phase-I) organized by North Maharashtra University, Jalgaon on November 22, 2015.
- Member of travel committee in university level Avishkar-2014 organized by Maharashtra University, Jalgaon during October 17-18, 2014.
- Worked as member of Organizing Committee for 8th Maharashtra State Inter-University Research Convention (AVISHKAR-2013) organized by North Maharashtra University, Jalgaon during January 16-18, 2014.
- Worked as member for Accommodation Committee at University Level Research Convention AVISHKAR-2013 organized by North Maharashtra University, Jalgaon during October 18-19, 2013.
- Organizing committee member of Avishkar-2011 during 28-26, 2011.

❖ National Mathematics Day (06)

- **Coordinator** of NMD-2019 during December 19-22, 2019.

- Inauguration of NMD-2019 was held with the auspicious hands of a mathematician and former Vice-Chancellor of North Maharashtra University Prin. Dr. K. B. Patil at Dr. G. D. Mahila Mahavidyalaya, Jalgaon on December 20, 2019.
- conducted a Quiz Test for three different level as B. Sc., M. Sc I and M. Sc. II at different 25 colleges under the Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon at 11.00 to 12.00 PM on December 19, 2019. Total 537 students were participated in it.
- Organized Quiz test, Poster Presentation, PPT Presentation on 22 December 2019.
- Member of organizing committee member **of National Mathematics Day-2018** organized by Department of Mathematics, KBCNMU, Jalgaon on 11th, 13th, 28thFebruary and 3rd March 2019.
- Member of organizing committee for the **National Mathematics Day-2017** organized by the Department of mathematics on 09, 10, 17, 25 March 2018.
- **Convener** of celebration of **National Mathematics day-2015** on March 11, 14,17, 21, 2016.
- Member of **National Mathematics day-2014** on March 14th, 18th, 20th& 22nd, 2015 organized by Department of Mathematics, School of Mathematical Sciences, North Maharashtra University, Jalgaon.
- Worked as Member of Organizing Committee for Celebration of **National Mathematics Day-2013** (NMD-2013) organized by Department of Mathematics, School of Mathematical Sciences, North Maharashtra University, Jalgaon on March 15th, 18-19th & 24th, 2014.

❖ Yuvarang (02)

- Worked as an organizing committee member (Stage No. 3) of university level “Yuvarang 2018-19” organized by KBCNMU, Jalgaon during 14-16 February 2019.
- Worked as committee member for Rangmanch-3 in University Level युवकमहोत्सव -२०१८ organized by the North Maharashtra University, Jalgaon on February 12-13, 2018.
- Worked as a member for Utrkarsh-2019 (certificate and Rangoli) conducted by NSS, KBCNMU, Jalgaon

❖ Lecture series (03)

- Distinguished Colloquium Series on Mathematical Modeling of Certain Physical Processes in Engineering Sciences by Professor V. D. Sharma, IIT, Bombay sponsored by Rajiv Gandhi Science and Technology Commission, North Maharashtra University, Jalgaon, March 17, 2008.
- Popular Lecture by Professor A. D. Joshi at the Department of Mathematics, North Maharashtra University Jalgaon on September 29, 2007.
- Worked as Member of Organizing Committee for lecture series on ‘Algebraic Topology’ by Professor K. Varadrajana (Calgary, Canada) at Department of Mathematics, North Maharashtra University Jalgaon during December 10, 2006 to December 16, 2006.

❖ Teachers Day & National Science Day (03)

- Co-coordinator, National Science Day-2009 ceremony at Department of Mathematics, North Maharashtra University, Jalgaon held on March 21, 2009.
- Member of **National Science Day’** Programme conducted by Department of Mathematics, North Maharashtra University, Jalgaon on March 1, 2008.
- Celebration of **‘Teachers Day’** Programme at Department of Mathematics, North Maharashtra University, Jalgaon on September 5, 2006.

❖ Others (09)

- Worked as Member for Nivas Samiti (Male Residence) of 'Ashwamedhi-2006' organized by North Maharashtra University Jalgaon.
- Worked as Member of Organizing Committee for Departmental Tour of M. Sc. Mathematics students, Department of Mathematics, North Maharashtra University Jalgaon during February 17, 2007 to February 19, 2007.
- Organized a program of celebration of Diwali festival for foreign student under the guidance of Hon'ble Vice Chancellor on 28 October 2016.
- Worked as School Representative in Aviskar-2016 District/NMU Campus level organized by North Maharashtra University, Jalgaon on January 3, 2017.
- Worked as an expert for the University Level Science Exhibition-2017 organized by SSBT's College of Engineering and Technology on 28/2/2017.
- Participated in the celebration of the 9th National Voters' Day on 25th January 2019 at KBCNMU, Jalgaon organized by District Collector Office, Jalgaon.
- Worked as polling officer at Lok Sabha Election at Titavi, Dharngaon on 23 April 2019.
- Participated in the program of "Bhajan" in account of Gandhi Jayanti during 2 October to 8 October 2018 organized by School of Thoughts, Mahatma Gandhi study and Research center, KBCNMU, Jalgaon.
- Worked as NSS Sub coordinator of UG- and PG Unit, KBCNMU, Jalgaon. (Including the 7 days camp)

Participation in Workshops

1. Worked as NSS volunteer from 1998 to 2000 at Arts, Science and Commerce College Majalgaon, Tal. Majalgaon, Dist. Beed and participated in NSS camp from 13/02/2000 to 22/02/2000 held under "youth for healthy society" at there.
2. Attended State Level Seminar on "**Effective Teaching in Mathematics at Graduate Level**", Balbhim College, Beed, January 28-29, 2007.
3. Participated in one-day workshop on "**Science and Gandhi Thoughts**", Organized by Gandhi Research Foundation North Maharashtra University Jalgaon, Jain Irrigation Systems Ltd, Jain Charities, January 28, 2008.
4. Participated in one-day workshop on '**Patent Awareness**' held on the 4th of August 2008 at North Maharashtra University, Jalgaon.
5. Participated a workshop on digital classroom organized by central library, North Maharashtra University, Jalgaon on 08/12/2014.
6. Participated in the National Workshop on "Promotion of Mathematics Research and Opportunities" on March 22, 2014 under the celebration of National Mathematics Day-2013 organized by Department of Mathematics, NMU, Jalgaon.
7. Participated in one-day workshop on 'Indian Patenting and Filing Procedures' organized by Rastriya Uchchar Shikshan Abhiyan (RUSA), Gov. of Maharashtra, Mumbai in collaboration with Rajiv Gandhi National Institutes of Intellectual Property Management, Nagpur and North Maharashtra University, Jalgaon on 23rd August 2016.
8. Participated in one workshop on "भारतीय दृष्टीकोनातून उच्चशिक्षण" organized by Jalgaon on March 20, 2018.
9. **Worked as a Member** of Organizing Committee and participated in one day workshop on "**Recent Trends in Mathematics**" on March 3, 2019 organized by Department of Mathematics, Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon under the celebration of **National Mathematics Day-2018**.
10. **Worked as Coordinator** for one day Programme "**Celebration of the birth anniversary of Srinivasa Ramanujan**" organized by Department of Mathematics, School of Mathematical Sciences, Kavayitri

Bahinabai Chaudhari North Maharashtra University, Jalgaon and M. J. College, Jalgaon on December 22, 2018.

11. Participated in one day workshop on “Ramanujan and his work” on December 20, 2019 organized by Department of Mathematics, Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon under the celebration of National Mathematics Day-2019

Conferences Attended/Participated

1. Presented a paper entitled “Effective Teaching in Mathematics at the Under-Graduate Level “State Level Seminar on “Effective Teaching in Mathematics at Graduate Level”, Balbhim College, Beed, January 28-29, 2007.
2. Participated in the National Conference on “**Recent Trends in Discrete Mathematics**” held at S. S. V. P. S. Science College, Dhule, September 01-02, 2007.
3. Participated in National Conference on “**Generalized Measures and Integration**”, organized by New Arts, Commerce and Science College, Ahmednagar, February 08-10, 2008.
4. Research paper presented entitled “Fixed points in dislocated quasi-metric spaces” in “**74th Annual Conference of the Indian Mathematical Society**”, organized by Department of Mathematics, University of Allahabad, Allahabad during December 27-30, 2008.
5. Research paper presented entitled “A note on generalization of Singh and Singh fixed point theorems” in State Level Conference on Development in U. G. and P. G. Mathematics with Applications in Various Fields organized by P. E. S. College of Engineering, Aurangabad during February 02-03, 2009.
6. Research paper entitled “Some fixed-point results in fuzzy metric spaces using control function” presented in “National Conference on Industrial Statistics and Computational Mathematics”, organized by School of Mathematical Sciences, North Maharashtra University, Jalgaon during January 21-23, 2010.
7. Attended and presented a paper entitled “Fixed point theorems for generalized ϕ -weak contraction in metric spaces” in the 76th Annual Conference of the Indian Mathematical Society organized by Sardar Vallabhbhai National Institute of Technology (SVNIT), Surat, Gujarat, India during December 27-30, 2010.
8. Attended and participated a paper entitled “Fixed point theorems for generalized ϕ -weak contractions” at national conference on “ScienceA-2KII” organized by Department of Engineering Sciences, Shri Sant Gadge Baba College of Engineering and Technology, Bhusawal during January 21-22, 2011.
9. Attended and presented a paper entitled “Some common fixed-point theorems in generalized G-cone metric spaces” in the Conference on Advances in Modeling, Optimization and Computing organized by Department of Mathematics, IIT Rorkee December 5-7, 2011.
10. Attended and presented a paper entitled “Fixed point for weak contractions in G-metric spaces” in the 77 the annual conference of Indian Mathematical Society organized by School of Mathematical Sciences, Swami Ramanand Teerth Marathwada University, Nanded, during December 27-30, 2011.
11. Research paper presented entitled “Tripled coincidence point theorems for weak (ϕ, ψ) -contractions in partially ordered metric spaces” in “International Conference on Mathematical Sciences (ICMS-2012)”, organized by Science College, Nagpur during December 28-31, 2012.
12. Participated and chaired the session in International Conference on Mathematical Modelling and Optimization Techniques in Science and Engineering MMOTSE -2013 during July 26-27, 2013 Organized by Department of Applied Science, SSBT’s College of Engineering and Technology, Jalgaon.
13. Participated and chaired the session in State Level Conference on “Recent Trends in Mathematics and its Applications (RTMA-2013)” December 16-17, 2013, Department of Mathematics, Geetabai Dattatraya

Mahajan Arts, Shri. Kesharimal Rajmal Navlakha Commerce and Manoharseth Dhariwal Science College, Jamner.

14. Participated and presented a paper entitled "On properties of fuzzy quasi-metric spaces" in national conference on "Algebra, Analysis and Fuzzy Mathematics" by Department of Mathematics, North Maharashtra University, Jalgaon during February 21-22, 2014.
15. Participated and presented a paper entitled "On fixed points of contractive mappings of integral type in G-metric spaces" in national conference on Differential equation-2015 organized by Department of Mathematics, Shivaji university, Kolhapur during January 29-30, 2015.
16. Participated and presented a paper entitled "Coupled fixed point theorems in partial-metric spaces" in the Second National Conference on "Algebra, Analysis and Fuzzy Mathematics" organized by Department of Mathematics, School of Mathematical Sciences, North Maharashtra University Jalgaon during January 29-30, 2016.
17. Participated and presented a paper entitled "Some fixed point in b_G -metric spaces" in the national conference "Role of Mathematics in Science and Technology" (RMST-2017) organized by Arts, Science and Commerce College, Bodwad on 17/01/2017.
18. Presented a poster on "Some fixed point in b_G -metric spaces" in Avishkar-2016, NMU Campus level organized by North Maharashtra University, Jalgaon on January 03, 2017.
19. Participated and presented a paper entitled "On fixed point theorems for generalized C-contractions in metric spaces" in International Conference on Algebra, Discrete Mathematics and Applications at Department of Mathematics, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad during December 09- 11, 2017.
20. Participated and presented a paper entitled "Some fixed-point theorems for generalized contractions in metric spaces" in National Conference on Algebra, Analysis and Number Theory at Department of Mathematics, North Maharashtra University, Jalgaon January 13-14, 2018.
21. Participated and presented a paper entitled "Some fixed point and common fixed point theorems in generalized metric spaces", in the International conference on Innovations and Engineering organized by KBS's College of Engineering and Technology North Maharashtra Knowledge City, Jalgaon on 15 October 2018.

Refresher and Orientation Courses

- ✚ Participated in 78th Orientation course at UGC-Academic Staff College, Dr. B. A. M. U. Aurangabad during July 02, 2009 to July 29, 2009.
- ✚ Participated in "**Refresher Course in Mathematics**" during August 04, 2011 to August 24, 2011 organized by Academic Staff College, Central University, Hyderabad.
- ✚ Participated in "Refresher Course in Mathematics at UGC-HRDC, University of Hyderabad during September 03-23, 2015.
- ✚ Participated in Faculty Development program for Mathematics teachers on Innovative Teaching Skills in Mathematics at Department of Mathematics, Savitribai Phule Pune University, Pune and SPPU, UGC-HRDC, Pune during November 12-18, 2018.
- ✚ Participated in Short-Term Faculty Development Programme for college/University Teachers under the Academic Staff Orientation Scheme of UGC organized at KBC North Maharashtra University, Jalgaon during 17 to 23 Dec. 2018 by SPPU, UGC-HRDC, Pune.

Other Participations

1. Under Prime Minister Swachh-Bharat-Abhiyan, participated in cleaning of the Department of Mathematics, NMU, Jalgaon on November 12, 2014.
2. Worked as Polling officer for Vihaan Sabha Election at Amalner Taluka, Dist. Jalgaon on Oct 15, 2014.
3. Participated in 'Tree-Plantation' at Trial boys' hostel, NMU and Department of Mathematics, NMU Jalgaon on July 01, 2016.
4. Participated in Volleyball Competition arranged for university staff by North Maharashtra University, Jalgaon on occasion of Independence Day on August 10, 2016.
5. Participated in cleaning of School of Mathematical Sciences under the Clean Campus Mission Program on 09/11/2016.
6. Participated in cleaning of Bhaskar Market under the Clean Campus Mission Program on 11/11/2016.
7. Participated in Rally for collecting help for flood affected people in Kerala on 28/09/2018.

Talks Delivered (38)

1. Delivered 07 lectures on Numerical Analysis in UGC sponsor NET/SET workshop organized by North Maharashtra University, Jalgaon during May 06-25, 2009.
2. Delivered 06 lectures on Topology in UGC sponsor NET/SET workshop organized by North Maharashtra University, Jalgaon during Dec. 7-16, 2009.
3. Delivered 04 lectures on Optimization Techniques in UGC sponsor NET/SET workshop organized by North Maharashtra University, Jalgaon during May 03-12, 2010.
4. Delivered two lectures in NET/SET coaching at M. J. College, Jalgaon on October 1, 2011.
5. Delivered 03 lectures on Topology in UGC sponsor NET/SET workshop organized by North Maharashtra University, Jalgaon during December 5, 2011 to December 14, 2011.
6. Delivered lectures on Basic Mathematics and Competitive Aptitude at Dr. Babasaheb Ambedkar Competitive Centers, NMU, Jalgaon during March 28-29, 2012.
7. Delivered lectures in UGC sponsored NET/SET coaching conducted by Department of Mathematics, Shivaji University, Kolhapur during August 18-20, 2012.
8. Delivered lectures in UGC sponsored remedial coaching conducted by Department of Mathematics, Shivaji University, Kolhapur during August 19-20, 2012.
9. Delivered lectures in NET/SET coaching at Department of Mathematics, North Maharashtra University, Jalgaon during December 1, 2012 to December 10, 2012.
10. Delivered lectures on "Topology" at Bhusawal P.O. Nahata, College, Bhusawal during 05-06, November 2012.
11. Delivered 02 lectures on "Classical Mechanics" in Remedial Coaching sponsored by UGC, New Delhi for the subject of Mathematics at Department of Mathematics, North Maharashtra University, Jalgaon during academic year 2013-14.
12. Delivered series of lectures on the topic Topology and Operations Research (PAPER-3 & 5) in contact sessions for M.Sc. (Mathematics) during 12/01/2014 (2 lectures), 02/03/2014 (2 lectures), 09/03/2014 (2 lectures), 16/03/2014 (2 lectures) organized by Institute of Distance Education and Learning (IDEAL), NMU, Jalgaon.
13. Delivered a talk on "Number System" for UG and High School Students at Arts, Commerce and Science College, Chopda on March 14, 2014 under the celebration of National Mathematics Day-2013 on 15, 18, 19, 24 March 2014.
14. Delivered lectures on "Topology" at Bhusawal P.O. Nahata, College, Bhusawal during 08-09/10/2014, 12/10/2014. (9 lectures).

15. Delivered talk on "Importance of cleanness" in NSS Special Winter camp at Z. P. Urdu School, Shirsaoli, Jalgaon on December 21, 2014 organized by NSS Unit, Iqra's H. J. Thim College of Arts and Science, Mehrun, Jalgaon.
16. Guided to NSS students for the short drama as a social enlighten at Winters NSS Camp at Tahakali, Tal-Dharangaon, Dist. Jalgaon on January 07, 2015 organized by North Maharashtra University, Jalgaon during January 05-14, 2015.
17. Delivered lecture series on "Classical Mechanics" organized by Institute of Distance Education and Learning (IDEAL), NMU, Jalgaon on 18/01/2015 (02 lectures), 01/02/2015 (03 lectures) and on 08/03/2015.
18. Delivered a talk on "Magic of Numbers" at Narayan Ananda Borse Vidyalaya Shahapur, Tal. Jamner Dist. on March 20, 2015 under the celebration of National Mathematics Day-2014 on 14,18,20,22, March 2015.
19. Delivered a talk on "History of Calculus" in the workshop "Historical Development of Mathematics" on March 22, 2015 under the celebration of National Mathematics Day-2014 on 14,18,20,22, March 2015.
20. Delivered three lectures on "Topology" in the "One Week Workshop on NET/SET Examinations" organized by School of Mathematical Sciences, Swami Ramanand Teerth Marathwada University, Nanded during August 17-23, 2015.
21. Delivered talk on "Importance of cleanness" in NSS special winter camp at Z. P. Urdu High School, Sirsoli, Jalgaon on December 20, 2015 organized by NSS Unit, Iqra's H. J. Thim College of Arts and Science, Mehrun, Jalgaon.
22. Guided to NSS students for the short drama as a social enlighten at Winters NSS Camp at Savda, Dist. Jalgaon on January 22, 2016 organized by North Maharashtra University, Jalgaon during January 19-25, 2016.
23. Delivered a talk on "Ramanujan's Life and Research" for School students at Bhadali, Dist. Jalgaon under the celebration of National Mathematics Day-2015 on March 14, 2016.
24. Delivered five lectures on the topic "Signed Measure" for M. Sc. students on March 27, 2016 at Department of Mathematics, L. K. DR. Ghogrey Science College, Dhule.
25. Delivered two lectures for first year students on 'Engineering Mathematics' at GH Rasoni Institute of Engineering and Management, Jalgaon on August 27, 2016.
26. Delivered three lectures on "Advanced Calculus" for first year M. Sc. Students at Bhusawal Arts, Science and P.O. Nahata Commerce College, Bhusawal on September 04, 2016.
27. Delivered three lectures on "Advanced Calculus" for first year M. Sc. Students at Bhusawal Arts, Science and P.O. Nahata Commerce College, Bhusawal on September 19, 2016.
28. Delivered lectures (02) on "Topology and its properties" for M. Sc. Students at G. D. M. Arts, Shri. K. R. N. Commerce & M. D. Science College, Jamner on 24 September. 2016.
29. Delivered three lectures on "Topology" for first year M. Sc. Students at Bhusawal Arts, Science and P.O. Nahata Commerce College, Bhusawal on October 09, 2016.
30. Delivered a talk (3 hour) on 'Cantor Set Theory and Lebesgue Measure' for M. Sc. Students at L. K. DR. Ghogrey Science College, Dhule on 23 October 2016.
31. Delivered a talk (3 hour) on 'Measure Theory' for M. Sc. Students at L. K. DR. Ghogrey Science College, Dhule on 04 November 2016.
32. Delivered a talk (2 hours) on Topology in SET/NET Workshop organized by Bhusawal Arts, Science and P.O. Nahata Commerce College, Bhusawal on 03/03/2017.
33. Delivered a talk (2 hours) on Complex Analysis in SET/NET Workshop organized by Bhusawal Arts, Science and P.O. Nahata Commerce College, Bhusawal on 05/03/2017.

34. Delivered the talks (05 hours) on Signed Measure and Their Derivatives for M. Sc. Students at L. K. DR. Ghogrey Science College, Dhule on April 04, 2017.
35. Delivered an invited talk (3 hours) on "Sequences and Series of Functions" at Deogiri College, Aurangabad on September 13, 2017.
36. Delivered a talk (03 hrs) entitled "Lebesgue Measure and Metric Spaces" in the SET/ NET Workshops organized by the Department of Mathematics, M. J. College, Jalgaon on December 04, 2017.
37. Delivered a talk entitled "Topology" in the National Workshops on NET/SET in Mathematical Sciences organized by the Department of Mathematics, KBCNMU on December 09, 2018.
38. Delivered a talk entitled "Topology" in the Refresher Course in Mathematics organized by the Department of Mathematics, KBCNMU and UDC-HRDC Pune on August 29, 2019.



Dr. C. T. Aage