

CURRICULUM-VITAE

Dr. Haribhau L. Tidke

Associate Professor
Department of Mathematics
School of Mathematical Sciences,
Kavayitri Bahinabai Chaudhari North Maharashtra University,
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Educational Qualifications:

Degree	Year of Passing	University	Percentage	Division
Ph. D.	2011	Dr. B. A. M. U., Aurangabad	--	Awarded
SET	2006	University of Pune, Pune	--	Qualified
M. Sc.	2001	Dr. B. A. M. U., Aurangabad	76.75	First
B. Sc.	1999	S. R. T. M. U., Nanded	74.47	First

Doctor of Philosophy (Ph.D. in Mathematics)

- **Thesis Title:** Some Problems in the Theory of Abstract Nonlinear Systems
- **Ph. D. Supervisor:** Professor M. B. Dhakne, Dr. B. A. M. U., Aurangabad

Software Exposure:

- **Computer Literature:** MS-DOS, Fundamentals of Computer, MATLAB, Programming in C, C++ and using MATLAB.
- **Text formatting and office:** LaTeX, Microsoft Word, Excel and Power point.

Achievements:

- **Second Merit** of University at M. Sc. (Mathematics), Dr. B. A. M. U., Aurangabad
- **Vaidic Ganeet** Pramanatra Spardha Pariksha credited with 'A' grade

Teaching Experience: 15 Years

Research Interest:

- **Theory of Differential and Integral Equations**
- **Analysis**

Research Students: (05=04 Working +01 Awarded)

Sr. No.	Name of the student	Topic of Research	Date of Registration	Status
1	Mr. Rupesh T. More	Studies in the Theory of Integral Equations with Nonlocal Conditions	20/1/2012	Awarded (2016)
2	Mr. R. P. Mahajan	Some Problems in the Theory of Fractional Integro-Differential Equations with Nonlocal Conditions	9/2/2015	Working
3	Mr. Gajanan S. Patil	Study of Various Properties of Differential and Integro-Differential Equations	24/05/2018	Working
4	Mr. Vaibhav R. Kale	Study of Impulse Differential and Integral Equations	24/05/2018	Working
5	Mr. Balu U. Lavhare	Study of Some Fractional Order Difference Equations and Its Applications	02/11/2020	Working

Publications: 42

1. **R. T. More, H. L. Tidke and C. T. Aage (2020)**, Some theorems on approximation of solutions of integrodifference-differential equation with nonlocal condition in Banach space, *Journal of Dynamical Systems & Geometric Theories*, **(Accepted)**
2. **H. L. Tidke (2019)**, Some results on certain Volterra integral and integro-differential functional equations with finite delay, *International Journal of Mathematical Sciences*, Vol. 18, Nos. 1-2 (2019), 1-16.
3. **H. L. Tidke and R. P. Mahajan (2018)**, Basic results on nonlinear implicit fractional differential equation via successive approximations and integral inequality, *International Review of Pure and Applied Mathematics*, Vol. 14, No. 2 (2018), 125-149.
4. **H. L. Tidke and R. P. Mahajan (2017)**, Existence and uniqueness of nonlinear implicit fractional differential equation with Riemann-Liouville derivative, *American Journal of Computational and Applied Mathematics*, 2017, 7(2): 46-50, DOI: 10.5923/j.ajcam.20170702.03.
5. **H. L. Tidke and R. T. More (2016)**, On a nonlinear second order Volterra integrodifferential equation with nonlocal conditions, *Dynamic Systems and Applications*, Vol. 7, (2016) 1-8.
6. **H. L. Tidke (2016)**, Uniqueness of solution for nonlinear implicit fractional differential equation, *Journal of Advances in Mathematics*, Vol. 12, No. 11 (2016), 6807-6811. **(IF: 1.543)**
7. **H. L. Tidke (2016)**, On the solutions of nonlinear second order differential equation with finite delay, *Journal of Advances in Mathematics*, Vol. 11, No. 9 (2016), 5666-5673. **(IF: 1.543)**
8. **H. L. Tidke and R. T. More (2015)**, Existence and Osgood type uniqueness of mild solutions of nonlinear integro-differential equation with nonlocal condition, *International Journal of Pure and Applied Mathematics*, Vol. 104, No. 3, 437-460. **(SNIP: 0.635)**
9. **H. L. Tidke and R. T. More (2015)**, Existence and uniqueness of solution of integrodifferential equation in cone metric space, *SOP Transactions on Applied Mathematics*, Vol. 2, No. 1, 13-19.
10. **H. L. Tidke and R. T. More (2014)**, On an abstract nonlinear differential equation with nonlocal condition, *Proceeding of National Conference on "Recent Applications of Mathematical Tools in*

Science and Technology (RAMT-2014)” organized by Department of Physics, Chemistry & Mathematics, Government College of Engineering, Amravati during May 8-9, 2014, Session-III, 47-50.

11. **H. L. Tidke and R. T. More (2014)**, Existence and uniqueness of mild solutions of nonlinear difference-integrodifferential equation with nonlocal condition, *Journal of Advances in Mathematics*, Vol. 9, No. 3, 2415-2430. **(IF: 1.296)**
12. **H. L. Tidke and R. T. More (2014)**, Existence and uniqueness of solution of inhomogeneous semilinear evolution equation with nonlocal condition, *Journal of Advances in Mathematics*, Vol. 6, No. 3, 1044-1049. **(IF: 1.296)**
13. **H. L. Tidke and R. T. More (2014)**, On an abstract nonlinear Volterra integrodifferential equation with nonlocal condition, *Journal of Applied Functional Analysis*, Vol. 9, No.'s 1-2, 13-24.
14. **H. L. Tidke (2012)**, Some theorems on fractional semilinear evolution equation, *Journal of Applied Analysis*, Volume 18, Issue 2, 209-224.
15. **H. L. Tidke (2012)**, On existence results for second order integrodifferential inclusions with nonlocal condition, *Review Bulletin of the Calcutta Mathematical Society*, Vol. 20, No. 1, 59-74.
16. **H. L. Tidke and M. B. Dhakne (2012)** Nonlinear mixed Volterra-Fredholm integrodifferential equation with nonlocal condition, *Applications of Mathematics*, Vol. 57, No.3, 297-307. **(IF: 0.430)**
17. **H. L. Tidke (2011)**, Approximate solutions to fractional semilinear evolution equation with nonlocal condition, *International Journal of Mathematical Archive*, 2(11), 2403-2412.
18. **H. L. Tidke, C. T. Aage, J. N. (2011)**, Existence and uniqueness of continuous solutions of mixed type integral equations in cone metric space, *Kathmandu University Journal of Science, Engineering and Technology*, Vol. 7, No. I, 48- 55.
19. **H. L. Tidke (2011)**, Global existence of solutions for nonlinear nonlocal Volterra integrodifferential equations, *International Journal of Mathematical Archive*, 2(9), 1536-1544.
20. **M. B. Dhakne and H. L. Tidke (2011)**, Existence and uniqueness of solutions of nonlinear mixed integrodifferential equations with nonlocal condition in Banach spaces, *Electronic Journal of Differential Equations*, Vol. 2011, No. 31, 1-10. **(IF: 0.427)**
21. **H. L. Tidke and M. B. Dhakne (2011)**, Existence of solutions and controllability of nonlinear mixed integrodifferential equation with nonlocal condition, *Applied Mathematics E-Notes*, Vol. 11, 12-22. **(SJR:0.29)**
22. **H. L. Tidke and M. B. Dhakne (2010)**, Existence and uniqueness of solutions of certain second order nonlinear equations, *Note di Matematica*, Vol. 30, N0. 2, 71-79. **(SJR: 0.13)**
23. **M. B. Dhakne and H. L. Tidke (2010)**, On a nonlinear mixed Volterra- Fredholm integrodifferential equation with nonlocal condition in Banach spaces, *Journal of Nonlinear Functional Analysis and Applications*, Vol. 15, No. 3, 421-434.
24. **M. B. Dhakne and H. L. Tidke (2010)**, Existence of solutions for nonlinear Volterra integrodifferential equations with analytic semigroups, *Journal of Nonlinear Functional Analysis and Applications*, Vol. 15, No. 2, 199-214.
25. **H. L. Tidke and M. B. Dhakne (2010)**, Existence and uniqueness of solution of differential equation of second order in Cone metric space, *Fasciculi Mathematici*, Nr. 45, 121-131.
26. **H. L. Tidke and M. B. Dhakne (2010)**, Nonlocal Cauchy problem for nonlinear mixed integrodifferential equation, *Tamkang Journal of Mathematics*, Vol. 41, No. 4, 361-374. **(SJR 0.28)**
27. **H. L. Tidke and M. B. Dhakne (2010)**, Existence and uniqueness of mild and strong solutions of nonlinear Volterra integrodifferential equation in Banach spaces, *Demonstratio Mathematica*, Vol. XLIII, No. 3, 643-652. **(SRJ:0.26)**

28. **H. L. Tidke** and M. B. Dhakne (2010), Approximate solutions of abstract nonlinear integrodifferential equation of second order with nonlocal conditions, *Far East Journal of Applied Mathematics*, Vol. 41, No. 2, 121 – 135.
29. **H. L. Tidke**, C. T. Aage, S. D. Kendre and J. N. Salunke (2010), On semilinear equations of mixed type in Cone metric spaces, *International Mathematical Forum*, Vol. 5, N0. 39, 1915-1925.
(IF: 0.323)
30. **H. L. Tidke** and M. B. Dhakne (2010), Existence of solutions for nonlinear mixed type integrodifferential equation of second order, *Surveys in Mathematics and its Applications*, Vol. 5, 61-72.
31. **H. L. Tidke** and M. B. Dhakne (2010), Global existence of mild solutions of second order nonlocal Volterra integrodifferential equations, *Bulletin of Calcutta Mathematical Society*, Vol. 102, No. 1, 69-82.
32. **H. L. Tidke** and M. B. Dhakne (2010), Approximate solutions to nonlinear mixed type integrodifferential equation with nonlocal condition, *Communications on Applied Nonlinear Analysis*, Vol. 17, No. 2, 35–44.
(IF: 0.63)
33. **H. L. Tidke** (2010), Global existence of solutions for nonlinear integral equations of second order, *Journal of Applied Functional Analysis*, Vol. 5, No. 1, 113-120.
34. **H. L. Tidke** and M. B. Dhakne (2010), Global existence of solutions for nonlinear Volterra integrodifferential equations of second order in Banach space, *Deccan Current Science*, Vol.3, No. 1, 92-103.
(IF: 0.7)
- H. L. Tidke** (2009), Existence of solutions of nonlinear mixed integrodifferential equations of Sobolev type, *Journal of Nonlinear Functional Analysis and Applications*, Vol. 14, No.4, 605-618.
36. **H. L. Tidke** and M. B. Dhakne (2009), Global Existence of mild solutions of second order nonlinear Volterra integrodifferential equations in Banach spaces, *Differential Equations and Dynamical Systems (Springer India)*, Vol. 17, No. 4, 331-342.
(SRJ: 0.33)
37. **H. L. Tidke** and M. B. Dhakne (2009), On abstract nonlinear differential equations of second order, *Advances in Differential Equations and Control Processes*, Vol. 3, No. 1, 33-39.
38. **H. L. Tidke** and M. B. Dhakne (2009), On global existence of mild solutions of second order Volterra integrodifferential equation, *Applied Mathematical Sciences*, Vol. 3, No. 42, 2099-2106.
(IF: 0.461)
39. **H. L. Tidke** (2009), Existence of global solutions to nonlinear mixed Volterra-Fredholm integrodifferential equation with nonlocal condition, *Electronic Journal of Differential Equations*, Vol. 2009, No. 55, 1-7.
(IF: 0.427)
40. **H. L. Tidke** and M. B. Dhakne (2009), Existence and uniqueness of mild solutions of second order Volterra integrodifferential equation with nonlocal conditions, *Applied Mathematics E-Notes*, 9, 101-108.
41. **H. L. Tidke** and M. B. Dhakne (2009), On global existence of solutions of abstract nonlinear mixed Volterra- integrodifferential equation with nonlocal condition, *Communications on Applied Nonlinear Analysis*, Vol. 16, No. 1, 49-59.
(IF: 0.63)
42. **H. L. Tidke** and M. B. Dhakne (2008), On non-linear mixed Volterra-Fredholm of first order Integrodifferential equations, *International Journal of Mathematical Sciences and Engineering Applications (IJMSEA)*, Vol. 2, No. II, 47-58. (IF: 0.217)

Citations Analysis:

	MathSciNet	Scopus	Google Scholar
▪ Total articles:	25	14	42
▪ Total citations:	16	50	153
▪ H-index:	--	04	07
▪ i10-index:	--	--	04

Books: (03)

- **IDEAL, KBCNMU, Jalgaon** (Submitted for publication).
 1. Real Analysis (Paper-I)
 2. Topology (Paper-III)
 3. Differential Equations (Paper-IV)
- **YCOMU, Nashik** (01 submitted & 01 under final preparation)
 4. Ordinary Differential Equations
 5. Partial Differential Equations

Referee for Journal Articles:

1. Acta Mathematica Universitatis Comenianae
2. South East Asian Journal of Mathematics and Mathematical Sciences (SEAJMMS)
3. Journal of Applied Mathematics and Computational Mechanics
4. Computational and Applied Mathematics (COAM)
5. Facta Universitatis, Series: Mathematics and Informatics
6. Malaya Journal of Matematik
7. International Journal of Biomathematics
8. Applied Mathematics E-Notes (AMEN)
9. Asian-European Journal of Mathematics (AEJM)
10. Journal of Advances in Mathematics
11. Asian Journal of Mathematics and Computer Research
12. British Journal of Mathematics & Computer Science
13. Mathematical and Computational Applications
14. Electronic Journal of Differential Equations
15. Acta Mathematica Scientia
16. Journal Integral Equations and Applications
17. Communications on Applied Nonlinear Analysis
18. Journal of Scientific Research and Reports
19. Annales Universitatis Paedagogicae Cracoviensis Studia Mathematica.

Referee/Expert/Chairman for M. Phil./Ph. D. Thesis/Pre-submission Presentation:

1. Bharathiar University, Coimbatore, (TN) (03)
2. Periyar University, Salem, (TN) (03)
3. Thiruvalluvar University, Vellore, (TN) (03)
4. Shivaji University, Kolhapur (MS) (01)
5. Swami Ramanand Teerth Marathwada University, Nanded (MS) (03)
6. Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon (MS) (11)

Research Projects: (03)

Sr. No.	Name of Principal Investigator/ Co-PI	Title of The Project	Duration	Amount (in Lakhs)	Funding Agency
1	Dr. H. L. Tidke (Co-PI)	* Cillage based Area Development Programme (CADP)	2019-2022	1395.91	RGSTC, Mumbai
2	Dr. H. L. Tidke	Studies in the Theory of Functional Differential and Integrodifferential Equations	06/04/2017 to 05/04/2019	1.1 (Minor-VCRMS)	NMU, Jalgaon
3	Dr. H. L. Tidke	On Abstract Nonlinear Integrodifferential Inclusions with Nonlocal Conditions	01/02/2010 to 31/01/2012	1.3 (Minor)	UGC, New Delhi

* : This project sanctioned to our University in the month of June 2019 and I am working as one of the Co-PI for the said project.

Research Collaborators:

(with name of the collaborators and name of the institute/University)

- Dr. M. B. Dhakne, Department of Mathematics, Dr. B. A. M. U., Aurangabad
- Dr. J. N. Salunke, School of Mathematical Sciences, S. R. T. M. U., Nanded
- Dr. S. D. Kendre, Department of Mathematics, University of Pune, Pune

Membership of Professional Committees:

- Annual Member of 'DK International Research Foundation (DKIRF)' (Duration: December 30, 2018-December 29, 2019).
- Life member of 'the Ramanujan Mathematical Society (RMS)'.
- Annual Member (2018) of 'The Allahabad Mathematical Society'.
- Life member of 'Deccan Current Science'.
- Life member of 'International Journal of Mathematical Sciences and Engineering Applications (IJMSEA)'.

- Life member of 'Indian Mathematical Society (IMS)'.

Administrative Work Experience:

➤ Member of Various Committee at Departmental Level:

- **Anti-ragging Committee:**
Make awareness among M. Sc. students for avoiding ragging and advise to maintain discipline in the department.
- **Admission Committee:**
Member of Scrutiny Committee of Admission forms for the course M. Sc. Mathematics and participation in the Admission Round of M. Sc. I.
- **Examination Committee:**
Member of Examination Committee and worked as Paper Setter, Examiner and Invigilator of M. Sc. Mathematics Examinations.

Prepared Examination results from December 2012 to December 2015 of M. Sc. (Mathematics), Department of Mathematics, North Maharashtra University, Jalgaon.
- **Academic Committee:**
Member of Academic Committee and actively participated in revision of syllabi of M. Sc. Mathematics:

The details of syllabi designed for M. Sc. Mathematics:

Sr. No.	Name of the Course	Class	Academic Year
1	• MT-206: Linear Integra Equations	M. Sc.-I	2009-2010
2	• MT-306: Lattice Theory	M. Sc.-II	2010-2011
3	• MT-305: Lab Course • MT-401: - Analytic Number Theory • MT-403(B): Linear Integral Equations • MT-403(C): Difference Equations • MT-405: Lab Course-IV	M. Sc.-II	2011-2012
4	• Paper-I: Analysis • Paper-IV: Differential Equations • Paper-V: Integra Equations and Integral Transforms (Institute of Distance Education and Learning (IDEAL), NMU, Jalgaon)	M. Sc.	2013-2014
5	• MT-101: Real Analysis • MT-105: Programming in C+ • MT-203: Ordinary Differential Equations • MT-205: Numerical Methods with C+	M. Sc.-I	2015-2016
6	• MT-302: Partial Differential Equations • MT-303(C): Special Functions • MT-303(D): Advanced Calculus • MT-304(B): Stability Theory	M. Sc.-II	2017-2018

	<ul style="list-style-type: none"> • MT-305: Programming in MATLAB • MT-401: Analytic Number Theory • MT-402: Transform Theory • MT-403(B): Linear Integral Equations • MT-403(C): Difference Equations • MT-403(E): Fractional Calculus • MT-404(D): Control Theory • MT-405: Operations Research with MATLAB 		
7	<ul style="list-style-type: none"> • MT 305: Difference Equations • MT 407: Linear Integral Equations (for affiliated colleges, KBCNMU, Jalgaon) 	M. Sc.-II	2018-2019
8	<ul style="list-style-type: none"> • MT-205: Numerical Analysis • MT-206: Lab Course-II 	M. Sc.-I	2018-2019
9	<ul style="list-style-type: none"> • MT-101: Advanced Real Analysis • MT-104: Partial Differential Equations (for affiliated colleges, KBCNMU, Jalgaon) 	M. Sc.-I	2020-2021
10	<ul style="list-style-type: none"> • MT-302: Numerical Analysis • MT-406: Theory of Special Functions (for affiliated colleges, KBCNMU, Jalgaon) 	M. Sc.-II	2020-2021

Conferences: (Talk/Member of Organizing Committee/Paper Presented/ Session Chaired/ Attended)

➤ Talk Delivered: (06)

1. Participated and delivered talk on “*Role of Operators in the Study of Abstract Differential Equations*” in National Conference on **Mathematics and Applications in Real World (NCMARW-2020)** organized by Department of Mathematics, Shri S. I. P. Arts, G. B. P. Science & S. T. K. V. S. Commerce College, Shahada during February 21-22, 2020.
2. Participated and delivered talk on “*Abstract Differential Equations*” in One Day National Level Seminar on **Recent Development in Mathematics** organized by Department of Mathematics, Rajarshi Shahu Arts, Commerce and Science College, Pathri, Tq. Phulambri, Dist. Aurangabad on January 24, 2017.
3. Participated and delivered talk on “*Semigroup of Operators and Differential Equations in Banach Spaces*” in One day National Conference on **Role of Mathematics in Science and Technology (RMST-2017)** organized by Department of Mathematics, Arts, Commerce and Science College, Bodwad on January 17, 2017.
4. Participated and delivered talk on “*B. G. Pachpatte's Wisdom*” in **82nd Annual Conference of the Indian Mathematical Society** organized by Department of Mathematics, University of Kalyani, West Bengal during December 27-30, 2016.
5. Participated and delivered talk on “*On a nonlinear second order Volterra integro-differential equation with nonlocal conditions*” in “**Seventh International Conference on Dynamic Systems and Applications & Fifth International Conference on Neural, Parallel, and Scientific Computations**” organized by Department of Mathematics, 830 Westview Dr. S.W. Morehouse College, Atlanta, GA 30314, USA during May 27-30, 2015.

6. Participated and delivered talk on "*On closeness of solutions of nonlinear differential equation with finite delay*" in National Conference on "**Advances in Computational Mathematics**" organized by Department of Mathematics, Vinayakrao Patil Mahavidyalaya, Vaijapur, Dist. Aurangabad during September 27-28, 2013.

➤ **Paper Presented: (15)**

1. Participated and research paper presented in the **3rdInternational Conference on Recent Advances in Mathematical Sciences and its Applications (RAMSA-2019)** organized by Department of Mathematics, Jaypee Institute of Information Technology, Noida during January 17-19, 2019.
2. Participated and research paper presented in the **83rd Annual Conference of the Indian Mathematical Society-An International Meet-2017** organized by Department of Mathematics, Sri Venkateswara University, Tirupati during December 12-15, 2017.
3. Participated and research paper presented in the International Conference on "**Algebra, Discrete Mathematics and Applications**" organized by Department of Mathematics, Dr. B. A. Marathwada University, Aurangabad during December 9-11, 2017.
4. Participated and research paper presented in the 2nd 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.
5. Participated and research paper presented in the National conference on "**Recent Advances in Mathematics**" organized by Department of Mathematics, Mrs. K. S. K. Alias Kaku Arts, Science and Commerce College, Beed during January 21-23, 2016.
6. Participated and research paper presented in "**National Conference on Differential Equations**", organized by Department of Mathematics, **Shivaji University, Kolhapur** during January 29-30, 2015.
7. Participated and research paper presented in the National conference on "**Algebra, Analysis and Fuzzy Mathematics**" organized by Department of Mathematics, School of Mathematical Sciences, North Maharashtra University, Jalgaon during February 21-22, 2014.
8. Participated and research paper presented in "**International Conference on History and Development of Mathematics (ICHDM-2013)**", organized by Department of Mathematics, **JECRC University, Jaipur, Rajasthan** during November 29-30 & December 1, 2013.
9. Participated and research paper presented in "**International Conference on Mathematical Sciences (ICMS-2012)**", organized by **Science College, Nagpur** during December 28-31, 2012.
10. Participated and research paper presented in "**International Conference on Recent Advances in Mathematical Sciences and Applications (ICRAMSA-2011)**", organized by **Calcutta Mathematical Society, Kolkata** during December 9-11, 2011.
11. Participated and research paper presented in "**International Congress of Mathematician-2010**" organized by Department of Mathematics & Statistics, University of Hyderabad, Hyderabad during August 19-27, 2010.
12. Participated and research paper 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.
13. Participated and research paper presented 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.

14. Participated and research paper presented in “**74th Annual Conference of the Indian mathematical Society**”, organized by Department of Mathematics, University of Allahabad, Allahabad during December 27-30, 2008.
15. Participated and research paper presented in National Conference on “**Generalized Measures and Integration**”, organized by New Arts, Commerce and Science College, Ahmednagar, February 08-10, 2008.

➤ **Session Chaired: (04)**

1. Participated in One Day National Level Seminar on **Recent Development in Mathematics** organized by Department of Mathematics, Rajarshi Shahu Arts, Commerce and Science College, Pathri, Tq. Phulambri, Dist. Aurangabad on January 24, 2017 and **chaired the session** for oral presentation of research papers.
2. Participated in the National Conference on “**Recent Applications of Mathematical Tools in Science and Technology (RAMT-2014)**” organized by Department of Physics, Chemistry & Mathematics, Government College of Engineering, Amravati during May 8-9, 2014 and **chaired the session** for invited talk.
3. Participated in the State Level Conference on “**Recent Trends in Mathematics and its Applications (RTMA-2013)**” organized by Department of Mathematics, G. D. M. Arts, K. R. N. Commerce and M. D. Science College, Jamner, Dist. Jalgaon during December 16-17, 2013 and **chaired the session** for invited talk.
4. Participated in the National Conference on “**Advances in Computational Mathematics**” organized by Department of Mathematics, Vinayakrao Patil Mahavidyalaya, Vaijapur, Dist. Aurangabad during September 27-28, 2013 and **chaired the session** for invited talk.

➤ **Member of Organizing Committee: (06)**

1. **Worked as Organizing Secretary** for National Conference on “*Algebra, Analysis and Number Theory*” organized by Department of Mathematics, North Maharashtra University, Jalgaon during January 13-14, 2018.
2. **Worked as Co-ordinator** 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.
3. **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.
4. **Worked as Co-ordinator** for National Conference on “*Algebra, Analysis and Fuzzy Mathematics*” organized by Department of Mathematics, North Maharashtra University, Jalgaon during February 21-22, 2014.
5. **Worked as Organizing Secretary** for National Conference on “*Current Practices in Mathematics, Statistics and Actuarial Science*” organized by School of Mathematical Sciences, North Maharashtra University, Jalgaon during March 7-8, 2013.
6. **Worked as member** of Organizing Committee for National Conference on “*Industrial Statistics and Computational Mathematics*” organized by School of Mathematical Sciences, North Maharashtra University, Jalgaon during January 21-23, 2010.

➤ **Participated: (02)**

1. 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.
2. Participated in the National Conference on “**Nonlinear Analysis and Applications**”, organized by Department of Mathematics, Dr. B. A. Marathwada University, Aurangabad, March 24-25, 2004.

Workshops: (Member of Organizing Committee/Attended)

➤ **Member of Organizing Committee (11):**

1. **Worked as a Member** of Organizing Committee for one day workshop on “**Recent Trends in Mathematics**” on December 22, 2019 organized by Department of Mathematics, Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon under the celebration of **National Mathematics Day-2019**.
2. **Worked as a Co-ordinator** for workshop on “**Bal Vigyan Mela for Tribal Children**” organized by Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon in collaboration with Vigyan Prasar, New Delhi at **Morane** (September 21-22, 2019), **Shahada** (September 23-24, 2019), **Sakri** (September 26-27, 2019), **Dahivel** (September 28-29, 2019) and **Lohara** (November 22-23, 2019).
3. **Worked as a Co-ordinator** for ten days workshop on “**KBCNMU Summer Research Aptitude Cultivation Workshop-2019**” organized by Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon during June 1-10, 2019.
4. **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**.
5. **Worked as a Co-ordinator** for workshop on “**An Intensive Training Programme for Tribal Children**” organized by North Maharashtra University, Jalgaon in collaboration with Vigyan Prasar, New Delhi during July 19-24, 2018.
6. **Worked as a Co-ordinator** for ten days workshop on “**NMU Summer Research Aptitude Cultivation Workshop-2018**” organized by North Maharashtra University, Jalgaon during June 1-10, 2018.
7. **Worked as a Member** of Organizing Committee and participated in one day workshop on “**Ramanujan’s Contribution**” on March 25, 2018 organized by Department of Mathematics, North Maharashtra University, Jalgaon under the celebration of **National Mathematics Day-2017**.
8. **Worked as a Member** of Organizing Committee for ten days workshop on “**NMU Summer Research Aptitude Cultivation Workshop-2017**” organized by North Maharashtra University, Jalgaon during June 1-10, 2017.
9. **Worked as a Member** of Organizing Committee and participated in one day workshop on “**Historical Developments of Mathematics**” on March 22, 2015 organized by Department of Mathematics, North Maharashtra University, Jalgaon under the celebration of **National Mathematics Day-2014**.

10. **Worked as a Member** of Organizing Committee and participated in one day workshop on “**Promotion of Mathematics Research and Opportunities**” on March 24, 2014 organized by Department of Mathematics, North Maharashtra University, Jalgaon under the celebration of **National Mathematics Day-2013**.
11. **Worked as a Member** of Organizing Committee for one day workshop on “**Personality Development**” organized by Department of Mathematics, North Maharashtra University, Jalgaon on September 15, 2013.

➤ **Attended: (14)**

1. Participated in “**Google Classroom Training Program**” on February 15, 2020 organized by School of Mathematical Sciences under the aegis of Internal Quality Assurance Cell (IQAC), Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon.
2. Participated in “**Triveni Business Summit-2020**” organized jointly by Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon and Saturday Club Global Trust, Jalgaon Chapter during January 11-12, 2020.
3. Participated in the workshop on “**Use of ICT for Effective Teaching**” on November 30, 2019 organized by School of Computer Sciences under aegis of Internal Quality Assurance Cell (IQAC), Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon.
4. Participated in one day workshop on “**Recent Trends in Mathematics**” on December 22, 2019 organized by Department of Mathematics, Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon under the celebration of **National Mathematics Day-2019**.
5. Participated in one day workshop on “**SWAYAM: MOOCs and e-Content Development**” on May 21, 2019 organized by Knowledge Resource Center and Internal Quality Assurance Cell, Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon.
6. 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**.
7. Participated in one day workshop on “**Ramanujan’s Contribution**” on March 25, 2018 organized by Department of Mathematics, North Maharashtra University, Jalgaon under the celebration of **National Mathematics Day-2017**.
8. Participated in one day workshop on “**Syllabus Setting**” on March 20, 2018 organized by UICT, North Maharashtra University, Jalgaon.
9. Participated in one day workshop for “**Spoken Tutorial Training**” organized by North Maharashtra University Jalgaon on September 4, 2015.
10. Participated in one day workshop on “**Historical Developments of Mathematics**” on March 22, 2015 organized by Department of Mathematics, North Maharashtra University, Jalgaon under the celebration of **National Mathematics Day-2014**.
11. Participated in one day workshop on “**Promotion of Mathematics Research and Opportunities**” on March 24, 2014 organized by Department of Mathematics, North Maharashtra University, Jalgaon under the celebration of **National Mathematics Day-2013**.
12. Participated in one day workshop on “**Patent Awareness**” organized by North Maharashtra University, Jalgaon on August 4, 2008.
13. Participated in workshop on “**Effective Teaching and Learning**” during April 22-25, 2008 at Ecumenical Christian Centre, Bangalore.

14. Participated in one-day workshop on “**Revised Syllabi of Engineering Mathematics at First and Second Engineering**”, M. I. T., Aurangabad, August 09, 2003.

Celebration of National Mathematics Day: (08)

1. **Worked as Member of Organizing Committee** for Celebration of **National Mathematics Day-2019** (NMD-2019) organized by Department of Mathematics, School of Mathematical Sciences, Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon on 19th, 20th and 22nd December 2019.
2. **Worked as Convener** for Celebration of **National Mathematics Day-2018** (NMD-2018) organized by Department of Mathematics, School of Mathematical Sciences, Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon on 11th, 13th, 28th February 2019 and 3rd March 2019.
3. **Worked as Coordinator** for one day program “**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.
4. **Worked as a Member** of Organizing Committee for Celebration of **National Mathematics Day-2017**(NMD-2017) organized by Department of Mathematics, School of Mathematical Sciences, North Maharashtra University, Jalgaon on March 9th, 10th, 19th& 25th, 2018.
5. **Worked as a Member** of Organizing Committee for Celebration of **National Mathematics Day-2015** (NMD-2015) organized by Department of Mathematics, School of Mathematical Sciences, North Maharashtra University, Jalgaon on March 11th, 14th, 17th& 21st, 2016.
6. **Worked as a Jury Member** for Quiz, Poster and Oral Competitions for M. Sc. Mathematics Students on March 21, 2016 under the celebration of **National Mathematics Day-2015 (NMD-2015)** organized by Department of Mathematics, North Maharashtra University, Jalgaon.
7. **Worked as Convener** for Celebration of **National Mathematics Day-2014** (NMD-2014) organized by Department of Mathematics, School of Mathematical Sciences, North Maharashtra University, Jalgaon on March 14th, 18th, 20th& 22nd, 2015.
8. **Worked as a 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.

Avishkar: (15)

1. **Worked as an Expert** for Training State Level Participants of **AVISHKAR-2019** organized by Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon.
2. **Worked as Coordinator** for Transportation Committee at University Level Research Convention **AVISHKAR-2019 (Phase-I & II)** organized by Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon during December 30, 2019 and January 8-9, 2020 respectively.
3. **Worked as Coordinator** for Transportation Committee at University Level Research Convention **AVISHKAR-2018 (Phase-I & II)** organized by Kavayitri Bahinabai Chaudhari

North Maharashtra University, Jalgaon during December 27, 2018 and January 2-3, 2019 respectively.

4. Participated and presented the research work in the theme area: **Pure Sciences** under the category of teacher in the **NMU Campus Level Research Convention AVISHKAR-2018** organized by Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon on December 27, 2018.
5. Participated and presented the research work in the theme area: **Pure Sciences** under the category of teacher in the **NMU Campus Level Research Convention AVISHKAR-2017** organized by North Maharashtra University, Jalgaon on December 21, 2017.
6. **Worked as Coordinator** for Accommodation and Transportation Committee at University Level Research Convention **AVISHKAR-2017 (Phase-I & II)** organized by North Maharashtra University, Jalgaon on December 21, 2017 and during December 29-30, 2017 respectively.
7. **Worked as Coordinator** for Accommodation and Transportation Committee at University Level Research Convention **AVISHKAR-2016 (Phase-I & II)** organized by North Maharashtra University, Jalgaon during on January 3, 2017 and during January 12-13, 2017 respectively.
8. **Worked as Member** of Organizing Committee for Training to Participants of State Level **AVISHKAR-2015** organized by North Maharashtra University, Jalgaon on January 2, 2016.
9. **Worked as Member of Core Committee** for University Level Research Convention **AVISHKAR-2015 (Phase-I & II)** organized by North Maharashtra University, Jalgaon on November 22, 2015 and during December 22-23, 2015.
10. **Worked as Chairman** for Accommodation and Transportation Committee at University Level Research Convention **AVISHKAR-2015 (Phase-I & II)** organized by North Maharashtra University, Jalgaon on November 22, 2015 and during December 22-23, 2015 respectively.
11. **Worked as Expert** for evaluation of Posters of Mathematical Sciences under the theme of Pure Sciences at SSBT's College of Engineering & Technology, Jalgaon, University Level Research Convention **AVISHKAR-2015 (Phase-I)** organized by North Maharashtra University, Jalgaon on November 22, 2015.
12. **Worked as member** for Accommodation Committee at University Level Research Convention **AVISHKAR-2014** organized by North Maharashtra University, Jalgaon during October 17-18, 2014.
13. **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.
14. **Worked as member** for Accommodation Committee at University Level Research Convention **AVISHKAR-2013** organized by North Maharashtra University, Jalgaon during October 18-19, 2013.
15. **Worked as member** for Transportation, Accommodation, Registration and Oral Presentation Committees at University Level Research Festival **AVISHKAR-2011** organized by North Maharashtra University, Jalgaon during December 28-29, 2011.

Member of Various Committees:

➤ BOS Member:

1. **Nominated as a Member of BOS** in Mathematics of Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon from April 2018.
2. **Nominated as a Member of BOS** for the subject Basic Science (Engineering Mathematics) and the term of the membership is of two years (2017-2019), G. H. Raison Institute of Engineering & Management, Jalgaon.

➤ KBCNMU RGS & TC Center:

1. **Nominated as Scheme Co-ordinator** for the scheme of Rajiv Gandhi Science and Technology Commission namely- Assistance for S & T projects through KBCNMU, Jalgaon from September 8, 2017.

➤ Student's Development Department:

1. **Nominated as a Member** for Student's Development Department, KBCNMU, Jalgaon for the duration September 2018 to August 2022.
2. **Nominated as a Member** for Equal Opportunity Cell for physically challenged students, KBCNMU, Jalgaon for the duration July 2019 to June 2020.
3. **Worked as a Committee Member for the University Level YUVARANG-2017-18** organized by Students' Development Department, North Maharashtra University, Jalgaon during February 12-13, 2018.

➤ CADP Project at Nandurbar:

1. **Working as a Co-PI** for Cillage Area Development Programme (CADP) at Nandurbar project of **Rs. 1395.91 Lakh** sanctioned by **Rajiv Gandhi Science and Technology Commission**, Government of Maharashtra, Mumbai.

➤ Day Care Centre

1. **Working as a Member of Selection Committee** for Teachers for Day Care Centre running by Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon since 2017.
2. **Working as a Member of Admission Committee** for Junior and Senior KG students of Day Care Centre run by Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon since 2017.

➤ CTPC:

1. **Working as a Placement Coordinator** for School of Mathematical Sciences, KBCNMU, Jalgaon since December 26, 2017.

➤ **LIC Committee (06):**

1. **Worked as a Member** of LIC for Arts, Science and Commerce College, Chopda on July 10, 2019.
2. **Worked as a Member** of Expert Committee for Arts, Science and Commerce College, Pal, Ta. Raver on July 26, 2018.
3. **Worked as a Member** of LIC for Arts, Science and Commerce College, Chopda on November 29, 2017.
4. **Worked as a Member** of Expert Committee for New College, Kurha Kakoda, Muktainagar on November 13, 2017.
5. **Worked as Member** of LIC Committee for Arts, Science and Commerce College, Bodwad on July 26, 2016.
6. **Worked as a Member** of LIC Committee for SSVPS's Late Dr. P. R. Ghogre Science College, Dhule on March 18, 2016.
7. **Worked as Member** of LIC Committee for Arts, Science and Commerce College, Bodwad on March 3, 2016.

➤ **Charge of Head (08)**

1. **Worked as In-Charge Head**, Department of Mathematics, KBCNMU, Jalgaon during June 24-29, 2019.
2. **Worked as In-Charge Head**, Department of Mathematics, KBCNMU, Jalgaon during May 31, 2019 to June 10, 2019.
3. **Worked as In-Charge Head**, Department of Mathematics, NMU, Jalgaon during June 2-7, 2018.
4. **Worked as In-Charge Head**, Department of Mathematics, NMU, Jalgaon during November 23-24, 2015.
5. **Worked as In-Charge Head**, Department of Mathematics, NMU, Jalgaon on November 26, 2014.
6. **Worked as In-Charge Head**, Department of Mathematics, NMU, Jalgaon during summer vacation period 27/05/2014 to 06/06/2014.
7. **Worked as In-Charge Head**, Department of Mathematics, NMU, Jalgaon during summer vacation period 08/06/2012 to 14/06/2012.
8. **Worked as In-Charge Head**, Department of Mathematics, NMU, Jalgaon during winter vacation period 26/11/2006 to 10/12/2006.

➤ **NET Observer (02)**

1. **Worked as Observer** for UGC-NET Examination-2017 conducted by CBSE on January 22, 2017.
2. **Worked as Observer** for UGC-NET Examination-2015 conducted by CBSE on June 28, 2015.

➤ **PET Examination for Ph. D. (01)**

1. **Worked as a Supervisor** for the Ph.D. Entrance Test (PET-2017) conducted North Maharashtra University, Jalgaon during September 23-24, 2017.

➤ **Flying Squad (01)**

1. **Worked as Committee Member of Flying Squad** for the Examination conducted by North Maharashtra University, Jalgaon in the first half of 2016 during April 25, 2016 to May 3, 2016.

➤ **Other (15)**

1. **Worked as a Committee Member** for Brahat Development Planning of University organized at North Maharashtra University, Jalgaon on April 11, 2018.
2. **Worked as Co-ordinator for Remedial Coaching** sponsored by UGC, New Delhi for the subject of Mathematics at Department of Mathematics, North Maharashtra University, Jalgaon during academic years 2013-2014 to 2015-16.
3. **Worked as a Member** of Committee constituted for present students from the schools on the NMU campus for NAAC visit during February 23-26, 2015.
4. **Member of Research Committee** constituted by Hon'ble Vice-Chancellor for screening of research projects submitted by the faculty of School of Mathematical Sciences, NMU, Jalgaon.
5. **Worked as a Member** of Committee for preparing the plan for component Equity Initiative under RUSA guideline, North Maharashtra University, Jalgaon.
6. **Worked as a Member** of Organizing Committee for "**Personality Development Program and Aptitude Test Conduction**" organized by Department of Mathematics, North Maharashtra University, Jalgaon on January 3, 2013 and February 15, 2013.
7. **In-charge**, Departmental Library, Department of Mathematics, North Maharashtra University, Jalgaon since July 26, 2008 to January 25, 2012.
8. **Worked as Member** of Organizing Committee for Popular Lecture by Professor T. M. Karade, R. T. M., Nagpur University, Nagpur at the Department of Mathematics, North Maharashtra University, Jalgaon, on August 26, 2008.
9. **Worked as a Member** of Organizing Committee for '**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.
10. **Worked as a Member** of Organizing Committee for Popular Lecture by Professor A. D. Joshi at the Department of Mathematics, North Maharashtra University Jalgaon on September 29, 2007.
11. **Worked as a Member** of Organizing Committee for Popular Lecture by Professor P. Veermani at Department of Mathematics, North Maharashtra University Jalgaon, on August 31, 2007.
12. **Co-ordinator** for '**National Science Day**' Programme conducted by Department of Mathematics, North Maharashtra University, Jalgaon on March 13, 2007.
13. **Worked as a 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.
14. **Worked as a Member** for Nivas Samiti (Male Residence) of '**Ashwamedh-2006**' organized by North Maharashtra University Jalgaon.
15. **Worked as a 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.

Talks Delivered: (in Refresher Course / Remedial classes / NET-SET workshop / Public / Popular lectures /Talks/NSS)

➤ **Refresher Course: (01)**

1. Delivered a lecture in UGC sponsored **Refresher Course in Mathematics** organized by Mathematics at Department of Mathematics, Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon on August 21, 2019.

➤ **Remedial Classes: (03)**

1. Delivered two lectures in **Remedial Coaching** sponsored by UGC, New Delhi for the subject of Mathematics at Department of Mathematics, North Maharashtra University, Jalgaon during academic year 2014-15.
2. Delivered four lectures 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.
3. Delivered three lectures in UGC sponsored **Remedial Coaching** conducted by Department of Mathematics, Shivaji University, Kolhapur during August 19-20, 2012.

➤ **NET-SET workshop: (11)**

1. Delivered lectures in the “**Sate Level Workshop on NET/SET Examinations in Mathematical Sciences**” organized by Department of Mathematics, School of Mathematical Sciences, Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon, during December 5-11, 2018.
2. Delivered two lectures in **NET/SET coaching** at Department of Mathematics, M. J. College, Jalgaon on December 5, 2017.
3. Delivered two lectures on the topic “**Integral Equations**” in the “**One Week Workshop on NET/SET Examinations**” organized by Department of Mathematics, Bhusawal Arts Science and P. O. Nahata Commerce College, Bhusawal, Dist Jalgaon on March 5, 2017.
4. Delivered lectures 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.
5. Delivered lectures in the “**One Week National Workshop on Guidance of NET/SET Examinations in Mathematics**” organized by Post Graduate Department of Mathematics, NES Science College, Nanded during July 13-20, 2015.
6. Delivered lectures in **NET/SET coaching** at Department of Mathematics, North Maharashtra University, Jalgaon during December 1, 2012 to December 10, 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 **NET/SET coaching** at Department of Mathematics, North Maharashtra University, Jalgaon during December 5, 2011 to December 14, 2011.
9. Delivered lectures in **NET/SET coaching** at Department of Mathematics, M. J. College, Jalgaon on October 4, 2011.

10. Delivered lectures in NET/SET workshops at Department of Mathematics, Solapur University, Solapur on January 25, 2011.
11. Delivered lectures for coaching in the subject of Mathematical Sciences at UGC sponsored **NET/SET coaching center**, North Maharashtra University, Jalgaon, during May 5, 2008 to June 5, 2008.

➤ **Public/Popular Lectures/Talks: (13)**

1. Delivered a lecture in the workshop “**KBCNMU Summer Research Aptitude Cultivation Workshop-2019**” organized by North Maharashtra University, Jalgaon during June 1-10, 2019.
2. Delivered lecture on the topic “**Differential Equations**” for B. Sc. and M. Sc. students on October 6, 2018 at Department of Mathematics, Deogiri College, Aurangabad.
3. Delivered a lecture in the workshop “**NMU Summer Research Aptitude Cultivation Workshop-2018**” organized by North Maharashtra University, Jalgaon during June 1-10, 2018.
4. Delivered five lectures on the topic “**Integral Equations and Calculation of Variations**” for M. Sc. students on April 4, 2017 at Department of Mathematics, L. K. DR. Ghogrey Science College, Dhule.
5. Delivered five lectures on the topic “**Integral Equations and Transforms**” for M. Sc. students on March 27, 2016 at Department of Mathematics, L. K. DR. Ghogrey Science College, Dhule.
6. Delivered three lectures on the topic “**Functional Analysis**” for M. Sc. students on October 4, 2015 at Department of Mathematics, Bhusawal Arts Science and P. O. Nahata Commerce College, Bhusawal, Dist Jalgaon.
7. Delivered informative lectures for **High School and undergraduate students** at Mahatma Phule Vidyalaya, A/P-Dhanur, Tal. & Dist.-Dhule on March 18, 2015, SSVPS' L. K. Dr. P. R. Ghogrey Science College, Dhule on March 18, 2015 and Narayan Ananda Borse Vidyalaya, Shahapur, Tal. Jamner on March 20, 2015 under the **celebration of National Mathematics Day - 2014**.
8. Delivered informative lectures for **High School and under graduate students** at Arts, Science & Commerce College, Chopda on March 18, 2014, Smt. Vimalbai Patil Arts & Late Dr. B. S. Desale Science College Sakri, Dist. Dhule on March 19, 2014 and Gajamal Tulshiram Patil College, Nandurbar on March 19, 2014 under the **celebration of National Mathematics Day - 2013**.
9. Delivered seven lectures on the topic “**Differential Equations**” for M. Sc. students at IDEAL, North Maharashtra University, Jalgaon during academic year 2013-14.
10. Delivered two lectures on the topic “**Integral Equations**” for B. Sc. and M. Sc. students on December 24, 2013 at Department of Mathematics, L. K. DR. Ghogrey Science College, Dhule.
11. Delivered lecture on the topic “**Matrices and its Applications**” for B. Sc. students at Art, Commerce and Science College, Bodwad on September 15, 2012.
12. Delivered lectures on **Basic Mathematics and Competitive Aptitude** at Dr. Babasaheb Ambedkar Competitive Centers, NMU, Jalgaon during March 28-29, 2012.

➤ **NSS Camp: (01)**

13. Talk delivered at **Special Winter Camp of National Service Scheme (NSS)** organized by North Maharashtra University Campus Level Unit at Tahakli, Dist. Jalgaon during January 05 to January 11, 2015.

Refresher / Orientation / Short Term Courses: (05)

1. Participated in short term course (Faculty Development Programme) on **“Research Methodology”** during December 17, 2018 to December 23, 2018 at School of Computer Sciences, KBCNMU, Jalgaon organized by UGC-HRDC, Savitribai Phule Pune University, Pune.
2. Participated in short term course (Faculty Development Programme) on **“Innovative Teaching Skills for Mathematics Teachers”** during November 12, 2018 to November 18, 2018 at Department of Mathematics, Savitribai Phule Pune University, Pune organized by UGC-HRDC, Savitribai Phule Pune University, Pune.
3. Participated in **“Refresher Course in Mathematical Sciences (Mathematics / Computer Science / Operational Research / Statistics)”** during November 26, 2015 to December 16, 2015 organized by the Centre for Professional Development in Higher Education, UGC-HRDC, University of Delhi, Delhi and obtained ‘A’ grade.
4. Participated in **“Refresher Course in the subject research methodology (Phy., Chem., Maths and Stat)”** during November 09, 2010 to November 29, 2010 organized by Academic Staff College, Dr. B. A. Marathwada University, Aurangabad and obtained ‘A’ grade.
5. Participated in **“General Orientation Programme”** during February 26, 2007 to March 25, 2007 organized by Academic Staff College, University of Pune, Pune at School of Chemical Sciences, North Maharashtra University, Jalgaon and awarded with ‘A’ grade.

Other Activity: (15)

1. Participated in **“Yoga Sadhana Shibir”** organized Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon during June 1-10, 2019.
2. **Worked as Presiding Officer** for General Loksabha Election-2019 on April 23, 2019.
3. Participation in **Water Conservation Campaign** during month of May-June 2018 on University campus, KBCNMU, Jalgaon.
4. Participated in **“Yoga Sadhana Shibir”** organized North Maharashtra University, Jalgaon during June 1-10, 2018.
5. Participated in **“Tree Plantation Programme”** organized North Maharashtra University, Jalgaon on July 6, 2018.
6. Participated in **“Tree Plantation Programme”** organized North Maharashtra University, Jalgaon on July 4, 2017.
7. Participated in the **“Cleaning Camp”** for area of Bhaskar Market of the Jalgaon city under the Clean Campus Mission Program on November 11, 2016.
8. Participated in the **“Cleaning Camp”** for School of Mathematical Sciences under the Clean Campus Mission Program on November 9, 2016.

9. Worked as a member of organizing committee and participated in “**Tree Plantation Programme**” organized by Department of Mathematics, North Maharashtra University, Jalgaon on July 2, 2016.
10. Participated in “**Tree Plantation Programme**” organized North Maharashtra University Campus Level Unit at Tribal Boy’s Hostel, University Campus on July 1, 2016.
11. Participated in Cricket matches under Celebration of Foundation Day of the University organized by Sports Section, NMU, Jalgaon during August 11-12, 2016.
12. Participated in Volleyball matches under Celebration of Foundation Day of the University organized by Sports Section, NMU, Jalgaon on August 10, 2016.
13. Worked as a member of organizing committee and participated in “**Swachata Abhiyan Programme**” organized by Department of Mathematics, North Maharashtra University, Jalgaon on November 1, 2014.
14. **Worked as Presiding Officer** for State Assembly Election-2014 on October 15, 2014.
15. **Worked as Presiding Officer** for General Loksabha Election-2014 on April 22, 2014.

Dr. Haribhau L. Tidke