

CURRICULUM VITAE

Dr. Ganesh Limbaji Rokade

Permanent Address

Contact No: +919970452090

311, Kakade Galli, Bansarola

PHOTO

ganeshrokade01@gmail.com

(431518) Tal. Kaij Dist. Beed

Career Objective:

I want to succeed in a stimulating and challenging environment that will provide me with advancement opportunities.

Educational Qualification:

Sr. No.	Exam	Board /University	Year of Passing	Percentage
1.	Ph. D. (Maths)	Dr. B.A.M.U., Aurangabad	May 2016	Awarded
2.	B. Ed.	Dr. B.A.M.U., Aurangabad	May 2012	58.50
3.	M. Phil. (Maths)	Dr. B.A.M.U., Aurangabad	Nov. 2011	67.50
4.	D. S. M	Y.C.M.O.U., Nashik	Sept. 2011	72.13
5.	M. Sc. (Maths)	Dr. B.A.M.U., Aurangabad	Sept. 2006	63.30
6.	B. Sc. (Phy. Chem. Maths)	Dr. B.A.M.U., Aurangabad	June 2004	74.94
7.	H. S. C	Aurangabad Board	Feb. 2001	57.50
8.	S. S. C.	Aurangabad Board	Mar. 1999	69.46

Topic of M. Phil. Dissertation: “A Study of Mathematical Modeling in Groundwater Resources.”

Topic of Ph. D. Thesis: “Some Contribution to the Study of Mathematical Models in Groundwater Resources and Applications.”

Personal Profile:

Name : Dr. Ganesh Limbaji Rokade

Date of Birth : 01 May, 1983

Gender : Male

Nationality : Indian

Cast : Open (Maratha)

Marital Status : Married

Languages Known : Marathi, Hindi and English.

Specialization : Ordinary Differential Equations, Partial Differential Equations, Numerical Methods, Mathematical Modeling, Fractional Calculus, Lattice and Graph Theory

Correspondence Address : C/O Jayshree P. Godbole

Plot No. 10, Swanand Nagar, Near Chetna Nagar,

Darga Road, Aurangabad, 431001.

Extra Curriculum Activities:

- N. C. C : A and B Certificates
- N. S. S. Certificate

Life Member of Professional Societies:

- Marathwada Mathematical Society.
- Indian Mathematical Society.
- Indian Science Congress Association.

Technical Skill:

- Known Mathematical Software's: Maple, Mathematica, Matlab and Latex

Conference/Workshop/Programme Attended:

- 1) One Day **Workshop** on “Effective Teaching in Mathematics” held at Department of Mathematics, Deogiri College, Aurangabad on 10 February 2008.
- 2) **National Conference** on “Recent Development in Graduate, Post-Graduate and Research Level Mathematics” held at Department of Mathematics, J. E. S. College, Jalna during 10-12 January, 2011.
- 3) **National workshop** on “Analytical and Numerical Solutions of Non-linear Differential Equations” held at Department of Mathematics, Amrita School of Engineering, Bengaluru during 18-19 March, 2011.
- 4) **National Workshop** on “Exploratory Statistical Data Analysis using Statistical Software’s” held at Department of Statistics, Dr. B. A. M. University Aurangabad during 22-23 February, 2012.
- 5) One Day **User Awareness Programme** under UGC-INFONET Digital Library Consortium, held at Main Library, Dr. B. A. M. University Aurangabad on 09 October 2015.
- 6) One Day **Workshop** on “Research Methodology, Statistics and SPSS” held at Department of Psychology, Government College of Arts and Science, Kile-Ark, Aurangabad on 17 January 2017.
- 7) **National Workshop** on “Teaching Methodologies for Engineering Mathematics” held at Department of First Year Engineering, Deogiri Institute of Engineering and Management Studies, Aurangabad during 23-25 June, 2018.
- 8) **State Level Workshop** called as **Paani Parishad** held at MGM College, Aurangabad during 24-25 August, 2019.
- 9) One Day **Multidisciplinary National Conference** on Arts, Sculpture and Architecture held at Department of History, Pratishthan Mahavidyalaya, Paithan on 01 February 2020.

Paper Presented:

- 1) Paper presented on “**A Study of Mathematical Modeling on Groundwater Resources**” in **International Conference** on Special Functions and their Applications in Science and Engineering and SYMPOSIUM on Fractional Calculus and It’s Applications held at RJIT, B.S.F. Academy Tekanpur, Gwalior (M. P.) during December 8-10, 2011.

- 2) Paper presented on **“Water table fluctuations due to time varying recharge in a 1-D flow system from recharge basin”** in **National Conference** on Recent Development in Graduate Mathematics held at Department of Mathematics, Panchvati College, Nashik during 6-8 February, 2012.
- 3) Paper presented on **“Predict the Water Table Fluctuations from Rectangular Basin”** in **National Conference** on Recent Development in Graduate Mathematics held at Department of Mathematics, Deogiri College, Aurangabad during 23-25 December, 2014.
- 4) Paper presented on **“Numerical Solution of a 2-D Nonlinear Boussinesq Equation”** in **International Conference** on Mathematical Analysis and its Applications held at Department of Mathematics, Dayanand Science College, Latur during March 5-9, 2017.
- 5) Paper presented on **“Water Table Fluctuations in Response to Time Varying Recharge from Rectangular Basin”** in **State Level Seminar** on Recent Applications of Mathematics and Statistics held at Department of Mathematics, Smt. Pushpatai Hiray Arts, Sci. and Comm. Mahila Mahavidyalaya, Malegaon on 03 February 2018.
- 6) Paper presented on **“Water Table Variations in a Finite Aquifer System in Response to a Transient Recharge from a Rectangular Basin”** in a **National Conference** on Recent Trends in Mathematics and Its Applications held at Department of Mathematics, Aanandrao Dhonde Mahavidyalaya, Kada during 16-18 January, 2020.
- 7) Paper presented on **“One Dimensional Mathematical Modeling of Water Table Fluctuations Due to Time Varying Recharge from Recharge Basin”** in a **National Conference** on Recent Advances in Sciences held at Department of Mathematics, Shivaji College, Kannad on 13 February 2020.
- 8) Paper presented on **“Some properties of the Zero-divisor graph of the Lattice $L_n^{2^2}$,”** in a **National e-Conference** on Advances in Mathematics and Physics held at Shri Datta Arts, Commerce and Science College, Hadgaon, Dist. Nanded on 12th May 2021.

Published Papers:

- 1) Rokade, G. L., Two Results in First Order Ordinary Differential Equations. Bulletin of the Marathwada Mathematical Society. 9 (2), 62-67, 2008.
- 2) Sontakke, B. R. and Rokade, G. L., Water Table Fluctuations due to Time Varying Recharge in a 1-D Flow System from Recharge Basin. International Journal of Differential Equations and Applications. 13 (2), 51-59, 2014.

- 3) Sontakke, B. R. and Rokade, G. L., Numerical Solution of a 2-D Linearised Boussinesq Equation. *Mathematica Aeterna*. 5 (2), 319-325, 2015.
- 4) Sontakke, B. R. and Rokade, G. L., Numerical Solution of a 2-D Nonlinear Boussinesq Equation. *Asian Journal of Mathematics and Computer Research*. 7(3), 227-236, 2016.
- 5) Amit Dabhole, Kirtiwant Ghadle and Ganesh Rokade: Incomparability graph of the special lattice $L_n^{2^2}$, *Advances in Mathematics: Scientific Journal* 9 (2020), no. 11, 9781-9786. ISSN No.1857-8365 (Printed), 1857-8438 (electronic), Scopus ID: 21100913565, Impact Factor 1.49.
- 6) Amit Dabhole, Kirtiwant Ghadle and Ganesh Rokade: Zero-Divisor Graph of the Lattice $L_n^{2^2}$, *Journal of Critical Reviews*, Vol.7 ISSUE 13, 2020, pp. 1258-1264. ISSN No. 2394-5125, Scopus ID: 21100920227, Impact Factor 1.091.

Faculty Development Programmes Participated/Attended:

- 1) 121st **Orientation Programme** at UGC-HRDC, Dr B. A. M. University, Aurangabad during 1st January, 2019 to 30th January, 2019.
- 2) Online **Refresher Course** in MOOCs and E-Content Development at UGC-HRDC, Pondicherry University, Pondicherry during 17-11-2020 to 30-11-2020.

Invited Talk:

On topic “Two New Results in First Order Ordinary Differential Equations” held at Marathwada Mathematical Society, Aurangabad during 26 July 2008.

Guest Lecture:

- 1) On topic “Kinetics of a Particle” held at Department of Mathematics, Shri Muktanand College, Gangapur on 5th March, 2021.
- 2) On topic “Application of Mathematics in real life” held at Department of Mathematics, Arts, Science and Commerce College, Badnapur on 11th March, 2021.

Teaching Experience:

- Three Years (C.H.B) in Deogiri College, Aurangabad.
- Four and Half Years in Deogiri Institute of Engineering and Management Studies, Aurangabad.
- Four Years and Eight Months in J. E. S. College, Jalna.

Responsibility:

- Three years Experience as a N. S. S Coordinator at DIEMS, Aurangabd.
- Two years Experience as a N. S. S Coordinator at J. E. S. College, Jalna.

References:**1. Dr. S. K. Panchal,**

Department of Mathematics,

Dr. Babasaheb Ambedkar Marathwada University,

Aurangabad (Maharashtra)

Ph: 9421672050

E-mail: drpanchalsk@gmail.com

2. Dr. B. R. Sontakke,

Department of Mathematics,

Pratishthan Mahavidyalaya, Paithan

Dist. Aurangabad 431 107 (M. S.)

Ph: 9423780555

E-mail: brsontakke@rediffmail.com

Declaration:

I here by state that the above given information is true to the best of my knowledge and belief.

If found false I am liable to face the consequences as predefined by the deciding authorities.

Date:

Place: Jalna

Dr. G. L. Rokade