Dr. Yogita G. Datar

Curriculum Vitae

# PERSONAL DETAILS

Name Dr. Yogita Gajanan Datar

Date of Birth 30/09/1980

Address Block No. 31B, Vasant Nagar, Bijapur Road, Solapur-413004(M.S.) India. Cell Phone (+91) 8788705462

Category OPEN / GENERAL

E-Mail [dataryogita@gmail.com](mailto:dataryogita@gmail.com)

# EDUCATION

## M.Sc. SET (Mathematics) M.Ed. NET(Education) Ph.D.(Education) SET ( Mathematics)

Savitribai Phule Pune University, Pune. Qualified on 24/05/2018

## Ph.D. (Education)

Solapur University, Solapur

Thesis entitled “Development of A Programme to Develop Emotional Intelligence of Ninth Standard Students And Study of Its Effectiveness” Awarded on 13/06/2011.

## NET (Education)

University Grants Commission. Qualified in December 2007

## M.Ed.

Solapur University, Solapur

Secured **77.50 %** (**First Class with Distinction**) and **2nd Rank** in Solapur University, Solapur at M.Ed.

## B. Ed.

Solapur University, Solapur

Secured **70.14 %** (**First Class with Distinction**) and **5th Rank** in Solapur University, Solapur at B.Ed.

## M.Sc. (Mathematics)

Shivaji University, Kolhapur

Secured **72.79 %** (**First Class with Distinction**) at M.Sc. with various subjects from the field of Pure and Applied Mathematics: Differential and Integral Calculus, Linear Algebra, Differential Equations, Integral Equations, Operation Research, Analysis etc.

## B.Sc. (Mathematics)

Shivaji University, Kolhapur

Secured **90.60 %** (**First Class with Distinction**) and **FIRST RANK** at B.Sc. with subjects as Physics, Chemistry, Statistics and Mathematics as main.

## H.S.C.(12th)

Maharashtra State Board of Secondary and Higher Secondary Education , Pune Divisional Board, Pune

Secured **92.67 %** (**First Class with Distiction**) and **16th RANK** at H.S.C. with subjects as English, Physics, Chemistry, Electronics and Mathematics.

Also Secured **FIRST RANK in MATHEMATICS with 100/100 marks.**

Physics, Chemistry and Mathematics (PCM) percentage is **97.33%**

## S.S.C.(10th)

Maharashtra State Board of Secondary and Higher Secondary Education , Pune Divisional Board, Pune

Secured **86.67 %** (**First Class with Distiction**) at S.S.C. with subjects as English, Marathi Sanskrit, Science, Social Sciences and Mathematics.

# SPECIAL ACHIEVEMENTS

1. Awarded by **Silver Medal** for the performance in the course The Joy of Computing using Python conducted by NPTEL-AICTE
2. Awarded by **Silver Medal** for the performance in the course Higher Engineering Mathematics conducted by NPTEL-AICTE
3. **Best Teacher Award** for the academic year 2016-17 received from N B Navale Sinhgad College of Engineering, Solapur
4. **Best Research Paper Award** in MSSTEA Conference in 2012
5. Certificate of Merit, Secured **2nd Rank in M.Ed.** in Solapur University, Solapur 2007.
6. Certificate of Merit, Secured **5th Rank in B.Ed.** in Solapur University, Solapur 2006.
7. Certificate of Merit, **meritorious performance in M.SC. Part I Entrance Examination**

in the subject of Mathematics in Shivaji University, Kolhapur 2002

1. Certificate of Merit Secured **1st Rank in All Subjects in B.Sc.** in Shivaji University, Kolhapur 2002.
2. Certificate of Merit Secured **16th Rank in H.S.C.** in Pune Board 1998.
3. Certificate of Merit Secured **1st Rank in mathematics in H.S.C.** in Pune Board 1998.

# WORK EXPERIENCE

## Teaching-17 Years 7 Months

**Assistant Professor In Engineering Mathematics**

Walchand Institute of Technology, Solapur Full-time Teaching Engineering Mathematics subjects to Under Graduate Students, Academic Assessment of students and Class Coordinator, Member of Admission Committee etc.

Taught various subject like Engineering Mathematics-I, II, Applied Mathematics-I, II etc.[From 1st Oct 2022 to till now]

## Assistant Professor In Engineering Mathematics

Shree Siddheshwar Women’s College of Engineering, Solapur Full-time (UGC Selection) Teaching

Engineering Mathematics subjects to Under Graduate Students, Institute level coordinator of Grievance Redressal Committee, Academic Assessment of students and Class Coordinator, Member of Admission Committee etc.

Taught various subject like Engineering Mathematics-I, II etc.[From 11th June, 2019 to 30th Sept 2022]

## Assistant Professor In Engineering Mathematics

N. B. Navale Sinhgad College of Engineering, Kegaon, Solapur Full-time (Local Management Committee Selection) Teaching Engineering Mathematics subjects to Under Graduate Students, Institute level coordinator of Time Table, Department level coordinator of Time Table, Wall Magazine and Women Grievance Cell, ICA & ISE Marks, Academic Assessment of students and Teacher Guardian etc.

Taught various subject like Engineering Mathematics-I, II, III, Numerical Methods, etc.[From 15th June, 2013 to 30/04/2019]

## Assistant Professor In Methodology of Teaching Mathematics

Shri Veertapasvi Channaveer Shivacharya B.Ed. College, Solapur

Teaching Methodology of Teaching Mathematics, Information Technology, Educational Technology, secondary Education, Academic Assessment of students, Research etc. [From 10th August, 2009 to 22nd May, 2013]

## Assistant Professor In Methodology of Teaching Mathematics

Mauli College of Education, Wadala, North Solapur, Solapur

Teaching Methodology of Teaching Mathematics, Educational Psychology, Academic Assessment of students, Research etc. [From 01st August, 2007 to 08th August, 2009]

## Full Time Lecturer on Contract Basis

S. E. S. Polytechnic, Solapur

Teaching Engineering Mathematics I, III subjects to Diploma Students, Academic Assessment of students, etc.[From 07th August, 2006 to 31st December, 2006]

## Lecturer in Mathematical and Statistical Methods of Biologists on CHB

1. G. Shivdare College of Arts, Commerce and Science, Solapur

Teaching Mathematical and Statistical Methods of Biologists to under graduate students, Academic Assessment of students, Taught various subject like Engineering Mathematics-I, II, III, etc.[From 05th July, 2005 to 30th April, 2006]

# SKILLS

## Languages

Marathi, Hindi, English

## Software Language

MSCIT, Python, MS-OFFICE

# PAPERS PUBLISHED

* 1. Development of Emotional Intelligence, International Journal, Indian Streams Research Journal (ISSN 2230-7850), Vol.-I, Issue V, 2011.
  2. Measurement Of Emotional Intelligence, Avishkar , Solapur University Research Journal, Vol- I, 2011
  3. A Study of Use Of Tools & Techniques of Formative Evaluation in Continuous &

Comprehensive Evaluation, International Journal, Indian Streams Research Journal (ISSN 2230-7850), Special Issue, 2012

* 1. A Study Of Use of ICT In Practice Lessons of Mathematics Methodology in Colleges of Education, International Journal, Indian Streams Research Journal (ISSN 2230-7850), Special Issue, 2012
  2. A Study Of The Problems In Preparation Of The Proposals Of Action Research, National Journal, Research In Education (ISBN 9788-1920-97299)
  3. A Study Of Use Of Library By The Teacher Educators & Student-Teachers In Colleges Of Education, International Journal, Indian Streams Research Journal (ISSN 2230-7850), Special Issue, 2013

# STTP/FDP/WORKSHOP ARRANGED

1. A workshop entitled ***“NUCLEAR ENERGY AND HEALTH CARE (NEHCA-2017)”*** was organised on February 19, 2017 in collaboration with BARC, Mumbai and IMA, Solapur under ITRDC-2017. 67 faculties/students participated the same at N. B. Navale Sinhgad College of Engineering, Solapur.

# STTP/FDP/WORKSHOP ATTENDED

1. A workshop entitled “Role of Engineering Mathematics in the New Education Policy-2020” attended during the period 3rd August to 5th August 2023 organized by School of Computational Sciences , COEP Technological University, Pune.
2. A One Week Online National Faculty Development Programme cum Workshop on Quantitative Methods for Research attended during the period 10, June to 15, June , 2020 Pacific Academy of Higher Education & Research Center, Udaipur, Rajsthan
3. A workshop entitled “Effective and Efficient Online Teaching in the age of Corona, A hands on Workshop” attended on 23 May 2020 organized Indian Institute of Technology, Bombay
4. An Online Faculty Development Training Programme on Technical Teacher’s Training attended during the period 22, May to 27, May , 2020 organized by Vidyavardhini Institute of Technology, Pal
5. A STTP entitled “MATLAB Based Teaching-Learning in Mathematics, Science & Engineering” attended during the period 18, May to 22, May , 2020 organized by Ramrao Aadik Institute of Technology , Navi Mumbai
6. A FDP entitled “Effective Proposal Writing for Research and Funding” attended online during the period 13, May to 18, May, 2020 organized by Sandip Institute of Technology & Research Center, Nashik.
7. A workshop entitled “Mental Health During Covid-19” attended during the period 06, May r to 10, May , 2020 organized by J D College of Engineering & Management, Nagpur jointly with D BATU, Lonere
8. A FDP on Higher Engineering Mathematics organized by NPTEL-AICTE during the period July-October 2019
9. A FDP on Mathematical Methods for Boundary Value Problems organized by NPTEL- AICTE during the period July-August 2019
10. A STTP entitled “Optimization Techniques In Mechanical Engineering” attended during the period 26, December to 30, December , 2016 organized by N. B. Navale Sinhgad College of Engineering, Solapur
11. A workshop entitled “Finalizing First Year Engineering Mathematics I & II Syllabus Of Solapur University, Solapur” attended on February 23, 2016 organized by N K Orchid College of Engineering, Solapur
12. A workshop entitled “Syllabus Framing Of First Year Of Engineering” attended on February

15, 2016 organized by N. B. Navale Sinhgad College of Engineering, Solapur

1. A STTP entitled “Soft Computing ” attended during the period 01, Feb TO 05, Feb, 2016 organized by N. B. Navale Sinhgad College of Engineering, Solapur
2. A STTP entitled “Introduction To Design Of Algorithms ” attended during the period 27, April 2015 TO 30 May, 2015 organized by IIT Kharagpur at W I T, Solapur
3. A National level Seminar entitled “Introduction To Design Of Algorithms Research methods in Science, Engineering and Management” attended on 28, February 2015 organized by Department of Mathematics, School of Computational Sciences, Solapur University, Solapur
4. A state level conference entitled “Mathematics for All Sciences” attended during the period December 20 to December 21, 2013 organized by C B Khedgi’s College, Akkalkot, Solapur.
5. A National level workshop entitled “National Workshop On Methodology Of Educational Research” attended on 30 November 2011, organized by Dr. BAMU, Sub Campus- Osmananbad.

# GUEST LECTURES

1. Delivered a guest lecture on "Z-Transform" on June 04, 2015, at Shri Siddheshwar Women’s Polytechnic, Solapur.

# FIELD OF INTEREST IN MATHEMATICS

Matrices, Ordinary and partial Differential equations

# STRENGTHS

1. Ability to work hard.
2. Punctuality
3. Good discipline Maintenance.

# DECLARATION

## I hereby declare that the above mentioned information is correct to the best of my knowledge.

**Place : Solapur Dr. Yogita G. Datar**