

# Faculty Profile ...

## Asst. Prof. Dr. Sujata Bhaskar Tadam

H.O.D. & Assistant Professor  
Department of Mathematics  
Shri R.L.T. College of Science, Akola

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### Personal ...

1. Date of Birth : 8<sup>th</sup> February 1979
2. Sex : Female
3. Marital Status : Married
4. Caste and Category : Gond (ST)
5. Nationality : Indian
6. Language Known : English, Marathi, Hindi
7. Address for Correspondence : Department of Mathematics,  
Shri R.L.T. College of Science,  
Civil lines, Akola - 444 001, Maharashtra.
8. Permanent Address : D-6, Jay Ganesh Vihar, Jyoti Nagar, Jatharpeth  
Akola - 444 005, Dist.- Akola, Maharashtra.



### Education ...

1. **S.S.C.**, March-1995, Zilla Parishad Girls High School and Junior College, Khamgaon, Amravati Divisional Board, Amravati, Marks - 69%.
2. **H.S.S.C.**, March-1997, Shri Arjan Khimaji National High School and Junior College, Khamgaon, Amravati Divisional Board, Amravati, Marks – 55.83%.
3. **Bachelor of Science (B.Sc.)**, Summer-2000, Govindram Seksariya Science, Arts & Commerce College, Khamgaon, Sant Gadge Baba Amravati University, Amravati, Marks - 65.70%.
4. **Master of Science (M.Sc.)**, Winter-2002, Shri Radhakisan Laxminrayan Toshniwal College of Science, Akola, Sant Gadge Baba Amravati University, Amravati, Marks – 55.7 %.
5. **Master of Philosophy (M.Phil.)**, Summer-2008, Madurai Kamaraj University, Madurai, Marks - 55 %.
6. **Doctor of Philosophy (Ph.D.)**, April-2019, Shri R.L.T.College of Science, Akola, Sant Gadge Baba Amravati University, Amravati.  
**Topic:** STUDY OF UNIFORMLY CONTINUOUS SPACES AND COMPACTNESS RELATED CONCEPTS IN UNIFORM SPACES AND PROXIMITY SPACES.

### Recognitions ...

- Recognized as a P.G. Teacher in Mathematics of Sant Gadge Baba Amravati University, Amravati.

### Teaching ...

1. **Experience...**  
13 Years - Shri R.L.T. College of Science, Akola.  
01 Years – Vidnyan Mahavidyalaya, Malkapur, Dist. Buldana  
03 Years - Shri R.L.T. College of Science, Akola.
- **Department of Mathematics, Shri R.L.T. College of Science, Akola**  
Assistant Professor (Since 29<sup>th</sup> June 2009),  
Head (Since 1<sup>st</sup> March. 2018).
  - **Department of Mathematics, Vidnyan Mahavidyalaya, Malkapur Dist. Buldana**

Lecturer (01 Year - Clock Hour Basis).

- **Department of Mathematics, Shri R.L.T. College of Science, Akola**  
Lecturer (03 Years - Contract Basis).

### Research ...

#### 1. Area ...

Topology, Functional Analysis

#### 2. Publications ...

Research Papers Published in National/International Journals : 6

#### 3. Presentations ...

Research Papers Presented in Conferences / Seminars : 5

#### 4. Participations ...

Participation in Conferences / Conventions / Seminars / Workshops / Quizzes : 20

#### 5. Experience ...

10 Years Research Experience at Shri R.L.T. College of Science, Akola.

### Orientation / Refresher / Short Term Courses ...

1. Participated in the 18<sup>th</sup> Orientation Programme at U.G.C. Academic Staff College, Sant Gadge Baba Amravati University, Amravati (24.09.2012 to 22.10.2012).
2. Participated in the Refresher Course in the subject I.C.T. (Mathematics) at U.G.C. Academic Staff College, Sant Gadge Baba Amravati University, Amravati (11.12.2013 to 31.12.2013).
3. Participated in 5<sup>th</sup> Refresher Course in the subject "Mathematics and Statistics" (Core) 2018-2019 at UGC-Human Resource Development Center, Devi Ahilya Vishwavidyalaya, Indore (27.07.2018 to 16.08.2018).
4. Participated in the "3<sup>rd</sup> Online Short Term Course on E-Content Development" at U.G.C.-Human Resource Development Centre, Gujarat University, Ahmedabad (28.05.2020 to 03.06.2020).

### Books ...

#### Co-author ...

1. **Vector Analysis and Geometry, B.Sc.I – Semester II- Paper IV.**  
SONU NILU Publications, ISBN: 978-81-88763-02-3

### Membership ...

1. **Life Member of Indian Science Congress Association**

### E-Contents ...

1. PPT's, YouTube Videos, Notes, Question Banks, MCQ Tests through Google Forms, Lectures by Zoom / Google Meet.

### Activities ...

#### 1. VC's Nominee and Subject Expert...

- Screening cum Evaluation committee, for promotion of Assistant Professor under CAS, Late Pundalikrao Gawali Arts and Science Mahavidyalaya, Shirpur (Jain) Tq. Malegaon Dist. Washim (28.11.2020)

#### 2. Subject Expert...

- C.H.B. Teachers Appointment at Shri Shivaji College of Arts, Commerce and Science, Akola (09.02.2022 and 07.12.2022)

#### 3. Convener...

- University Level Seminar Competition for P.G. students on the topic “**Topology**” organized by Mathematics Teachers Association(MTA), Department of Mathematics of S.G.B.A.U. Amravati and department of Mathematics, Shri R.L.T. College of Science, Akola (12.03.2019).
4. **Joint Secretary...**
    - **National Conference on Multidisciplinary Research in Science and Technology for Healthy Lifestyle Management NCMRST-2020”(24.01.2020).**
  5. **Centre Incharge...**
    - Regional Mathematical Olympiad exam conducted by Department of Mathematics Shri R.L.T.College of Science, Akola (07.10. 2018 and 10.11. 2019)
  6. **Organizing Committee Member...**
    - State Level Seminar on Expanding Wings of Mathematics in the Field of Sciences and Social Sciences, Shri R.L.T. College of Science, Akola (04.01.2010).
    - State Level Seminar on New Concepts of Exercise and its Impact on the Physical Fitness of Individual, Shri R.L.T. College of Science, Akola (05.01.2010).
    - National Level Conference on Developing Frontiers of Physics, Astronomy and Space SciencesDFPASS-2010, Shri R.L.T. College of Science, Akola (24,25.09.2010).
    - State level Microbiology Student’s Summit “Pure Water for Better Health” Shri R.L.T. College of Science, Akola(10.10.2013)
    - University Level Seminar Competition of M.Sc. Mathematics, at Department of Mathematics Shri R.L.T. College of Science, Akola. (09.03.13)
  7. **Member...**
    - Subject Examination Committee of S.G.B. Amravati University, Amravati (since 2018-19).
  8. **Resource Person / Judge / Jury Member / Chief Guest ...**
    - “Orientation Course on Content Enrichment and Pedagogy for TGT Mathematics” held at Jawahar Navodaya Vidyalaya, Akola from 03/05/2013 to 08/05/2013.
    - Oral Paper Presentations in one day National Multidisciplinary e-Conference on Research in Science and Technology for Sustainable Development sponsored by Indian Science Congress Association, Amravati Chapter and organized by Rajarshree Shahu Science College, Chandur Rly(23.03.2021)
    - University Level Seminar Competition of M.Sc. Mathematics students at Department of Mathematics R.A. college, Washim(28.02.13)
    - Rangoli Competition organised jointly by Zebra Cell and N.S.S. unit of Shri R.L.T. College of Science, Akola (16.09.2017)
    - Exhibition cum Poster Competition on “Save Water” on the occasion of Jal Jagruti Saptah Organized by Environmental Cell and Holi Basil Club, Department of Botany, Shri R.L.T. College of Science, Akola( 22.03.2019)
  9. **Guest Lecture...**
    - Delivered a Guest lecture on the topic “Topological Spaces” in Shri. Dr. R.G. Rathod Arts and Science College, Murtizapur, dist-Akola (30.03.2022)
  10. **Co-ordinator/ Chairman...**
    - Vishakha Committee, Code of Conduct and Grievances Committee, Shri R.L.T. College of Science, Akola (2014-15 to 2016-17)
  11. **Member...**
    - U.G.C. (XI-Plan) Merged Scheme – Equal Opportunity Centre, Shri R.L.T. College of Science, Akola (2011-12 to till date).
    - U.G.C. (XII-Plan) Merged Scheme – NET/SET coaching for SC, ST, OBC and Minorities, Shri R.L.T. College of Science, Akola (2015-16 to 2016-17).
  12. **Chairman / In-charge (College Committees)...**

- Coordinator of Women's Cell at Shri R.L.T. College of Science, Akola (2014-15 to till date).
- Presiding Officer of Internal Complaint Committee (ICC) at Shri R.L.T. College of Science, Akola (2016-17 to till date).

### **13. Member (College Committees)...**

- NAAC Criterion-V, Students Support and Progression (2010-11 to till date).
- Student Representative Council (SRC) (2013-14 to 2016-17).
- Admission and Counseling Committee (PG) (2009-10 to till date).
- Guardian Teacher Committee (2009-10 to till date).
- Prize Distribution Committee (2011-12 to 2017-18)
- Alumni Committee (2011-12 to till date)
- Time-Table Committee (2018-19 to till date).
- Cultural Committee (2013-14 to till date).
- Sports Committee(2015-16 to till date)

## **Publications ...**

### **Research Papers Published in Journals ...**

1. On Uniform Continuity and Compactness in Pseuo Metric spaces.  
International Journal of Innovative Research in Science, Engineering and Technology, Vol.2, Issue 8, August 2013.
2. On Uniformly continuous uniformity on a Topological space  
The International Journal of Engineering and Science (IJES), vol.3, Issue7-2014
3. On Uniformly Continuous Uniform Space.  
The International Journal of Engineering and Science(IJES), vol.4, Issue3-2015
4. On Point Wise Products of Uniformly Continuous Functions on Uniform Space  
International Journal of Mathematics Trends and Technology (IJMTT), vol. 43-No-3-2017
5. Characterization Of Uniformly Continuous Pseudo Metric Spaces  
Aayushi International Interdisciplinary Research Journal(AIIRJ)
6. On Equinormal Proximity Space and Uniformly Continuous Uniform Space  
Journal of Emerging Technologies and Innovative Research (JETIR), Vol.6,Issue 6, June 2019

## **Presentations ...**

### **Research Papers Presented in Conferences / Seminars ...**

1. On Uniformly Continuous Uniformity on a Topological space.  
National Conference on Recent Trends in Mathematics, Physics and their Applications, Shankarlal Khandelwal Arts, Science and Commerce College, Akola (19.03.2014)
2. On Uniform Continuity and Compactness in Pseudo Metric spaces.  
National Conference on Mathematical Sciences (NCMS-2013), Shri. Dr.R.G.Rathod Arts & Science College Murtizapur, Dist. Akola (18,19.01.2013)
3. On Uniformly Continuous Uniform Space  
National Conference on Recent Advances in Mathematical Sciences (NCRAM-2016), Dept. of Mathematics S.G.B.A.U. Amravati (17-18.06.2016)
4. Characterization of Uniformly Continuous Pseudo Metric Spaces  
International Conference on Recent Trends in Science and Technology, S.S.S.K.R. Innani Mahavidyalaya, Karanja(Lad) ( 22, 23.03.2018)

5. On Equinormal Proximity Space and Uniformly Continuous Uniform Space  
National Conference on Multidisciplinary Research in Science and Technology for Healthy Lifestyle Management (NCMRST-2020),  
Shri R.L.T. College of Science, Akola (24.01.2020)

## **Participations ...**

### **Participation in Conferences / Conventions / Seminars / Workshops / Quizzes...**

1. State Level Seminar on Expanding Wings of Mathematics in the Field of Sciences and Social Sciences, Shri R.L.T. College of Science, Akola (04.01.2010).
2. State Level Seminar on New Concepts of Exercise and its Impact on the Physical Fitness of Individual, Shri R.L.T. College of Science, Akola (05.01.2010)
3. National Level Conference on Developing Frontiers of Physics, Astronomy and Space Sciences DFPASS-2010, Shri R.L.T. College of Science, Akola (24,25.09.2010).
4. University Level Workshop on Research Guidelines and Performance based Appraisal System (PBAS) of UGC, Department of Mathematics, S.G.B.A.U. Amravati (06.03.2011)
5. State Level workshop on Research Methodologies in Science, Shankarlal Khandelwal Arts, Commerce and Science College, Akola (26.02.2011)
6. State level Microbiology Student's Summit "Pure Water for Better Health" Shri R.L.T. College of Science, Akola (10.10.2013)
7. University Level Seminar Competition of M.Sc. Mathematics, at Department of Mathematics Shri R.L.T. College of Science, Akola. (09.03.13)
8. Workshop Spectroscopic and Stereospecific perspectives of Chemistry, Shri R.L.T. College of Science, Akola (02.10.14).
9. University level Research Oriented workshop on Mathematics Shri Dnyaneshwar Maskuji Burungale Science & Arts College, Shegaon (10-11.01.2015)
10. University level workshop on B.Sc. Mathematics syllabi, R.D.I.K. & K.D. College Badnera (Rly.) (15.03.2015)
11. 18th Annual Convention and Seminar on "Recent Advances in Electrochemistry, Shri R.L.T. College of Science, Akola (21.08.2016).
12. National Conference on Emerging Trends and Practices in Science, Humanities and Management: Professional Education Perspective ETPSHM'17, SVKM's NMIMS, Mukesh Patel School of Technology Management & Engineering, Shirpur Dist. Dhule (18.02.2017).
13. National Workshop on Number Theory, Shri Dr. R.G. Rathod Arts and Science College Murtijapur (19.01.2019)
14. State Level Seminar on "My Health My Responsibility Complementary to Medicine and Health Care" and Teachers Workshop on "Teaching Constrain In Microbiology and Allied Sciences" Shri R.L.T. College of Science, Akola (28.02.2019)

15. National Conference on Recent Advances in Physical and Mathematical Sciences  
NCRAPMS-2020,  
Shri Shivaji college of Arts, Commerce and Science, Akola (18.01.2020)
16. Online Faculty development program on Latex  
Shri R.L.T. College of Science, Akola(27.04.2020 to 02.05.2020)
17. National Online Workshop on Operating Techniques of Scientific Instruments in  
Laboratory,  
Shri R.L.T. College of Science, Akola(10-15.05.2020)
18. International Webinar on Life and Contributions of Maryam Mirzakhani,  
St. Xavier's College for Women, Aluva(12.05.2020)
19. State Level E-Workshop on Eco-Friendly Holi  
Shri R.L.T. College of Science, Akola(27.03.2021)
20. Participate in National E-conference on Recent Mathematical Innovation and Skills  
in 21<sup>st</sup> Century Organized by Department of Mathematics, S.G.B.A.U. Amravati  
and R.D.I.K. & K.D. College, Badnera (27.03.21)