

Somaiya Vidyavihar University

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| Name: RAVINDRA BALWANT SALVI | | | Email: ravindrasalvi@somaiya.edu |
| Contact No: 9869422673 | | | |
| Department/Section: Science and Humanities. | | | |
| College: K J Somaiya School of Engineering | | | |
| DOJ Somaiya: 01 July 2003 | Career Experience: 23 Yrs | Industry Experience: NIL | Teaching Experience: 23 Yrs |
| Present Academic Designation: Assistant Professor | | | |

| Area of research/specialization and Courses Delivered |
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| Research domain/interests/areas 1. Multivariable calculus 2. Differential Equations Courses Delivered 1. Applied Mathematics I,II,III,IV 2. Mathematics for Electronics Engineering-I 3. Mathematics for Electronics Engineering-II 4. Integral transform and Vector calculus 5. Probability, statistics and optimization techniques |

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|---|---------|--------|----------|
| Recognition as a teacher by any University | UG: Yes | PG: No | Ph.D :No |
| Details of Recognitions 1. Approved UG teacher recognized by University of Mumbai. 2. Approved UG teacher recognized by Somaiya vidyavihar University | | | |

| Education | | | | | |
|-------------|--------------------|------------------------------|-----------------------------|------|-----------------|
| Examination | Name of the Degree | University/Board | Institute/College | Year | CPI/SPI/ %Marks |
| PG | MPhil | Madurai kamraj, Tamilnadu | ----- | 2010 | 56% |
| PG | Msc | University of Mumbai, Kalina | ----- | 2002 | 75% |
| UG | Bsc | University of Mumbai | G.N. Khalsa College, Mumbai | 2000 | 79.25% |

| Notable Experience Details | | | | | |
|----------------------------|--------------------------------------|-------------|-----------------|-----------------|--------------------|
| Sr. No | Name of the organization | Designation | Date of Joining | Date of Leaving | Experience (Years) |
| 1. | CWC and Clara's College of commerce. | Lecturer | June 2002 | May 2003 | 01 |

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| Research Accomplishments and Projects | | |
|---|--|--------------------------------|
| Publications Total:02 | Number of Peer review Journal papers:02 | Number of Conference papers:00 |
| Details of Publications: International Journals: 1. Published a paper on Need Based Students' Scholarship: PUSH KJSCE-A Success Story in Journal of Engineering Education Transformations, Volume 33, January 2020, Special issue, eISSN 2394-1707. 2. Published a research paper titled "Effect of Diverse Assessment Methods on Undergraduate Engineering Students' Performance in Mathematics Courses" in Journal of Research in Mathematics, Science, And Technology Education, volume 3, No 1: 24 – 36, Jan 2026 | | |

FDPs/Seminars/Workshops/Training Programs Attended/ Organized/ Delivered

1. Attended Short Term Training Program on 'probability and random variables' Organized by KJSCE, Mumbai, January 2006.
2. Attended workshop on applied mathematics (SEM I – SEM V(Rev)) organized by Shah and Anchor Kutchhi college of engineering, March 2006
3. Attended workshop on ' Magic maths' organized by RAIT, April 2006
4. Attended Short Term Training Program on 'Integral Transform application using MATLAB tools', organized by KJSCE, Mumbai, June 2006
5. Attended Short Term Training Program on 'Solutions of mathematical models using scilab', organized by KJSCE, Mumbai, November 2008.
6. Attended STTP on 'Tools & Techniques Of Effective Technical Writing' from 12th May - 17th May 2013 at KJSCE, Vidyavihar
7. Attended Orientation Programme on revised syllabus of "Applied Mathematics - III (COMP / IT) "on 27th July 2013 at KJSCE, Vidyavihar.
8. Attended Short Term Training Program on 'Applications of Mathematics in Science and Engineering', organized by SCOE, Navi Mumbai, 16th-20th December 2013.
9. Attended Orientation Programme on revised syllabus of "Applied Mathematics – IV (EXTC/ ETRX) "On 30th DEC 2013 at KJSCE, Vidyavihar.
10. Attended Short Term Training Program on 'Self Transformation and Management', organized by Somaiya Polytechnic, Vidyavihar, Mumbai, 1st - 8th January 2016.
11. Attended Short Term Training Program on 'Use of open source Software in research', organized by VIT, Mumbai, 27th-1st July 2016
12. Attended an Evaluation workshop in July 2014 at KJSCE, Vidyavihar
13. Attended and successfully completed an 8-week online course on "Matrix analysis with application through NPTEL during Aug- Oct 2019
14. Attended and successfully completed an 8-week online course on Transform Calculus & its application in differential equation through NPTEL during Jan-Apr 2020

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15. Attended a five days online workshop on Mathematical Sciences at Shri.Narayana Guru College,Coimbatore from 11 May to 15 May 2020.
16. Attended a three days National level Webinar on WORLD OF MATHEMATICS at N.G.Acharya & D.K.Marathe college of Arts.sc,com chembur from 1 June -3 June 2020.
17. Attended a one day Webinar on Application of Mathematics in Engineering & real life at Sanjivani College of Engineering KOPARGAON on 6 June 2020.
18. Attended two Days online National level FDP on Techniques & application in teaching Engineering maths at K.Ramakrishnan College of engineering Tiruchirappali, Tamilnadu from 10 June to 11 June 2020.
19. Attended a two day online workshop on application of mathematics in science and engineering at phaltan education Society's College of engineering phaltan from 20 June to 22 June 2020.
20. Attended an online workshop on application of mathematics at RAIT, Nerul,Navi Mumbai from 24 June-26 June 2020.
21. Attended and successfully completed an 8-week online NPTEL course on "Introduction to abstract and Linear Algebra" during Aug-Oct 2021
22. Organised a Science Exhibition: "Opportunities for higher education for Physics, Chemistry, Biology & Mathematics" on 25 May 2023.
23. Attended and successfully completed a 2-days workshop on "Complex Analysis and its application 2024" at Gati shakti Vishwavidyalaya ,Gujrat during 23 and 24 February 2024.
24. Organised a Guest Lecture on Applications of Laplace and Fourier Transforms for all branches of SYBTech students on 16 October 2024.
25. Attended and successfully completed an 12-week online course on Essential mathematics for machine learning through NPTEL during July-Oct 2024
26. Organised a guest lecture on Mathematical Applications to Data Science for all branches of SYBTech students on 1st Apr 2025
27. Attended a one week Short Term Training Program on "Quantum Computing: From Fundamentals to Applications" from 15th December to 19th December 2025 organised by Faculty & Staff Development Centre In collaboration with Department of Science and Humanities, K J Somaiya School of Engineering.
28. Organised a one week Short Term Training Program on "Quantum Computing: From Fundamentals to Applications" from 15th December to 19th December 2025 organised by Faculty & Staff Development Centre In collaboration with Department of Science and Humanities, K J Somaiya School of Engineering.

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| Notable Key Scholastic Achievements | |
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| 1. | Recipient of Waryam Singh award in 2000 for securing first rank in mathematics subject at Bsc in G.N.Khalsa College,Matunga. |
| 2. | Recipient of Fifth rank in the University of Mumbai in 2002 at Msc . |

| Notable Positions and Responsibility | |
|---|---|
| 1. | Acted as a Sports In charge of KJSSE during 2013-2016 |
| 2. | Acting as a Coordinator of PUSH-KJSSE(Social initiative) since 2013 till date |
| 3. | Acting as a member of School Level CPUMC (Prevention of Unfair means committee) |
| 4. | Acting as a member of School Level UGC Mandate (Life Skills) Committee. |
| 5. | Acting as a member of Department level Exam committee. |
| 6. | Acting as a Coordinator of Department level Attendance monitoring committee. |

Date: 28/01 / 2026

Signature of Faculty Member: Ravindra B.Salvi