

Profile

Name of the Staff : Dr. Ashok Vitthal Bingi
Name of the College : St. Xavier's College, Mumbai
(An empowered autonomous institute affiliated to the University of Mumbai)
Educational Qualification : M.Sc.(Mathematics), SET, Ph.D.
Designation : Associate Professor (Recognized PG Teacher)
Area of Research : Multiplicative Lattices and Lattice Modules
Teaching Experience : 20 years
Courses Taught : Calculus (One variable & Multi-variable), Linear Algebra,
Discrete Mathematics, Operation Research, Numerical Methods,
Complex and Real Analysis, Integral Transform, Functional
Analysis, Java Programming,
Email id : ashok.bingi@xaviers.edu avbingi26@gmail.com
Mobile Number : 7738156711, 9920534311

Presented following research papers in

- National Conference on “Differential Equations-2015” entitled “ δ - primary elements in Lattice Modules” during 29th to 30th January 2015, organised by Dept. of Mathematics, Shivaji University, Kolhapur, Maharashtra.
- National Conference on “Recent Analysis and Applications in Discrete Mathematics” entitled “Weakly Prime and weakly Primary elements in Lattice Modules” during 13th and 14th February, 2015, organised by Dept. of Mathematics, Raja Lakhmagouda Science Institute (autonomous), Belagavi, Karnataka.
- International Conference on “Mathematical Sciences-2015” entitled "On Classical Prime Elements in Lattice Modules" during 15th to 16th September, 2015, organised by Dept of Mathematics & Statistics, Sadguru Gadage Maharaj College, Karad, Maharashtra.
- National Seminar on “Recent Trends in Differential Equation and its Applications”, entitled “Weakly 2-absorbing primary elements in Multiplicative Lattices”, during 30th to 31th January, 2016, organised by Dept. of Mathematics, Changu Kana Thakur Arts, Commerce and Science College, New Panvel, Maharashtra.
- "International Conference in Mathematical Analysis and its Applications" entitled "Pseudo-Classical Primary Elements in Lattice Modules" during 5th March to 9th March 2017, organised by Dept. of Mathematics, Dayanand Science College, Latur, Maharashtra.
- International Conference on "Recent Trends in Mathematics" entitled "Pseudo-Primary Elements in Lattice Modules" during 27th Dec to 29th December, 2018, organised by Raja Lakhmagouda Science Institute (autonomous), Karnataka.
- “National Seminar on Algebra-2020” entitled “A note on Principal Elements in Lattice Modules” during 14-15 February, 2020, organized by Department of Mathematics, Shivaji University, Kolhapur.
- National e-conference on "Recent Trends in Pure and Applied Mathematics" entitled "An element ϕ -prime to another element in multiplicative lattices" on 24th July 2021, organized by N.B. Navale Singhgad College of Engineering, Solapur in collaboration with Shivaji University Mathematical Society (SUMS), Kolhapur.
- International Conference on “Advances in Applied and Computational Mathematics” entitled “An element ϕ - δ -primary to another element in multiplicative lattices" during 16-17 Sept, 2021, organized by Department of Mathematics and Statistics, Manipal University, Jaipur.
- International Conference on “Algebra and Discrete Mathematics” entitled “An element ϕ -primary to another element in multiplicative lattices" during 26-28 May, 2022, organized by Department of Mathematics, Savitribai Phule Pune University, Pune.

- International conference on “Computational Mathematics-2023” (hybrid mode) entitled “An element ϕ -prime to another element in lattice modules” on 3rd February 2023, organized by Sadguru Gadage Maharaj College, Karad.
- National conference on “Abstract, applied and computational mathematics-2023” (hybrid mode) entitled “An element ϕ -primary to another element in lattice modules” on 27th May 2023, organized by N.B. Navale Sinhgad College of Engineering, Solapur.
- National conference on “Mathematics and Applied Sciences” entitled “2-absorbing ϕ - δ -primary elements in multiplicative lattices” on 22nd December 2023, organized by department of mathematics and IQAC of Changu Kana Thakur Arts, Commerce and Science College, New Panvel.
- International conference on “Advances in pure and applied mathematics” entitled “An element δ -primary to another element in lattice modules” held during February 8-10, 2024, organized by Shyam Lal College, University of Delhi.

Details of Research Publications are as follows:

Sr.No.	Title of Research Paper	Name of the Journal	Particulars	ISSN
1.	An element prime to and primary to another element in lattice modules.	International Journal of Algebra (Hikari Ltd.)	Vol-8, Issue-10, (2014), 451-458	1314-7595
2.	δ -primary elements in multiplicative lattices	International Journal of Advance Research (IJOAR.org)	Vol-2, Issue-6, (2014), 1-7	2320-9143
3.	ϕ -prime and ϕ -primary elements in multiplicative lattices	Algebra (Hindawi Publishing Corporation)	Vol-2014, 1-7	2314-4114
4.	Absorbing elements in lattice modules	International Electronic Journal of Algebra (IEJA)	Vol -19 (2016), 58-76.	1306-6048
5.	On 2-absorbing primary and weakly 2-absorbing primary elements in multiplicative lattices	Transactions on Algebra and its Applications (TAA)	Vol -2, (2016), 1-13	6756-2423
6.	Weakly prime and weakly primary elements in multiplication lattice modules	Bulletin of Marathwada Mathematical Society (MMS)	Vol-21, Issue-1 and 2, (2020), 1-21	0976-6049
7.	ϕ -prime and ϕ -primary elements in lattice modules	European Journal of Pure and Applied Mathematics (EJPAM)	Vol -14, Issue-2, (2021), 551-577	1307-5543
8.	On generalization of δ -primary elements in multiplicative lattices	International Journal of Mathematics and its applications (IJMAA)	Vol-9, Issue-2, (2021), 69-80	2347-1557

***Research Grants:** got seed money grant of Rs. one lakh, sanctioned by the research and development cell of St.Xavier’s college, Mumbai for the one year (January 2023-December 2023) to conduct research project on “Generalization of an element δ -primary to another element in lattice modules”

Note (Other Information):

- 1) Life member of Indian Mathematical Society (IMS).
- 2) Currently a member of BOS in Mathematics subject under faculty of science, University of Mumbai to prepare NEP-2020 syllabus.
- 3) Currently subject expert on Board of Studies in Mathematics, in Nya. Tatyasaheb Athalye Arts, Ved. S.R. Sapre Commerce and Vid. Dadasaheb Pitre Science College (Autonomous), Devrukh, Dist: Ratnagiri- 415 804, Maharashtra
- 4) Member of Board of Studies (Inhouse), Dept. of Mathematics, St. Xavier`s College
- 5) Visiting Faculty at Department of IT, St. Xavier`s College
- 6) Was academic mentor at Vidyalankar School of IT in 2018-19 & 2019-20.
- 7) Worked as a visiting faculty at Dept. of Mathematics, Institute of Science, Fort.
- 8) Author to a book on Functional Analysis for M.Sc. at IDOL in 2022
- 9) Author to books on Calculus for F.Y.B.Sc. and S.Y.B.Sc. at IDOL in 2012
- 10) Author to a book on Applied Mathematics for FYBSc-IT (sem-2) in 2013
- 11) Was awardee of meritorious performance at M.Sc. entrance exam, Shivaji University in the year 2000
- 12) Stood 1st (University Topper) in TYBSc merit list among all science branches, Shivaji University, Kolhapur in the year 2000