



FACULTY PROFILE



NAME : SWATI HARIDAS GAIKWAD
QUALIFICATION : M.Sc.(Mathematics)
Email ID : swatigaikwad@kbpcollegevashi.edu.in
DEPARTMENT : Information Technology
DESIGNATION : Assistant Professor
EXPERIENCE(Yrs.) : 11 Years
SPECIALIZATION : Mathematics

PUBLICATIONS :

Books Publications-

- Title of Book: Numerical and Statistical Methods
Publisher: Tech-Neo Publications Pvt. Ltd.
ISBN Number: 978-93-89460-97-1
- Title of Book: Discrete Mathematics
Publisher: Tech-Neo Publications Pvt. Ltd.
ISBN Number: 978-93-90904-59-4
- Title of Book: Numerical Methods
Publisher: Tech-Neo Publications Pvt. Ltd.
ISBN Number: 978-93-5583-272-6

CONFERENCES/SEMINARS/WORKSHOP ATTENDED:

- Attended One Day National Workshop on “LaTeX” on 9th March, 2015 at Karmaveer Bhaurao Patil College, Vashi, Navi Mumbai.
- Attended One Day State Level Seminar On “Research Paper Writing” on 26th August 2015 at Karmaveer Bhaurao Patil College, Vashi, Navi Mumbai.
- Attended One Day workshop on Revised syllabus of first year B.Sc. (Information Technology) in the subject of Discrete Mathematics held on 12th August 2016 at Vikas College of Arts, Science & Commerce, Vikhroli (E), Mumbai.
- Attended Six Days National Workshop on “An Introduction to Matrix Groups” on 12th to 17th December 2016, Conducted by the Department of Mathematics, University of Mumbai.



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- Attended Two Days Workshop on “Computer Oriented Statistics with R” on 28th -29th September 2017 at Karmaveer Bhaurao Patil College, Vashi, Navi Mumbai.
- Attended One Day Seminar on “Basic Research Paper Writing Skills” on 13th February 2019 at Karmaveer Bhaurao Patil College, Vashi, Navi Mumbai.
- Online workshop on “Joy of Research” held on Monday, 6th April 2020 organized by Research Cell, Bharat College of Arts and Commerce.
- Attended the Online Lecture Series on “MATHEMATICS OF INDUSTRY 4.0” from 27th April 2020 to 29th April 2020 organized by Department of Mathematics SRM Institute of Science and Technology, Ramapuram Campus Chennai.
- Attended Webinar on “NAAC Revised Accreditation Framework 2020” Organized by Rubrics Softcon Private Limited, Pune held on 30th April 2020.
- International webinar on mathematics : Tracing of Curve Organized by bharati vidyapeeth’s college of engineering Lavale, Pune.
- International Webinar on HOW TO WRITE A RESEARCH PAPER Organized by the Department of Mathematics & Physics on 14th May 2020.
- One Week Workshop on “Writing Documents in LaTeX” by Department of Information Technology & Department of Computer Engineering from 27th April to 1st May, 2020
- The three days Online Lecture Series on Mathematical Modelling in Engineering and Industries from 14-05-20 to 16-05-20 organized by Department of Mathematics, Sathyabama Institute of Science and Technology, Chennai.
- Excellent Performance and Outstanding Achievement in “Online Preparatory Examination (General Knowledge) for NET/SET Aspirants” conducted by the Department of Library and Information Centre of Dnyanprassarak Mandal’s College and Research Centre, Assagao – Goa from 18th to 22nd May 2020.
- Webinar on "Insights to INDUSTRY 4.0" organized by the Department of Mechanical Engineering, S.A. Engineering College (Autonomous), Chennai.
- National level Webinar on “SMART USE OF MATHEMATICS” held on 31 May 2020 organized by Department of First Year Engineering, Dhole Patil College of Engineering Pune.



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- Webinar “Memories and a lecture tribute to Professor S. S. Shrikhande” organized by the Department of Mathematics, University of Mumbai on 29-May-2020.
- Webinar on "A Tribute to an Euler's Spoiler" Organized by Department of Mathematics and the IQAC of AQUINAS COLLEGE COCNIN, KERALA.
- Webinar on "Guidance to Young Graduates for preparation of Net/Set Examination" organized by First Year Department, under the initiative of IQAC on 12 th June 2020.
- Participated in Three Days National Level Workshop on “Statistical Analysis Using SPSS for Research ” held at Karmaveer Bhaurao Patil College, Vashi, Navi Mumbai from 30th September - 2nd October 2022.
- Attended the National Level Seminar on PROPER CITATION FORMAT TECHNIQUE" & "IMPROVING DIGITAL RESEARCH CONTENT USING ZOTERO" on 28th September 2022 organized by the Department of Information Technology at Karmaveer Bhaurao Patil, Vashi.

COURSES/TRAINING PROGRAMMES COMPLETED:

ONLINE COURSES:

- Swayam : Numerical Methods.
- Udemmy : Matrices: Learn the Foundations for Linear Algebra
- The Open University: Mathematics for Science and Technology
- Data Science: Mathematics
- Data Science: Probability
- Data Science: Statistics
- Data Science: Introduction to R Programming
- Udemmy : Fundamentals of Algebra : Basic Rules & Concepts
- The Open University: An introduction to complex numbers
- Coursera: Matrix Algebra for Engineers
- Coursera: Differential Equations for Engineers
- Coursera: Introduction to Ordinary Differential Equations

FDP :

- Five-Days Faculty Development Program, an Online training on “SCILAB” Jointly organized by S. K. Somaiya College of Arts, Science and Commerce and Spoken Tutorial Project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt., of India, from 21st April 2020 to 25th April 2020.
- Online Faculty development program on LaTeX organized by Department of Civil Engineering, RMD Sinhgad School of Engineering, Warje From 28th April to 2nd May 2020 in association with Spoken Tutorial Project, IIT Bombay, Funded by National Mission on Education through ICT, MHRD, Govt. of India.



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- Online one-week Faculty Development Program on “R- Programming” held by Department of Computer Science & Engineering, SKN Sinhgad College of Engineering, Pandharpur, Maharashtra in association with Spoken Tutorial IIT Bombay, Mumbai from April 30, 2020 to May 5, 2020.
- Faculty Development Program on FACILITATION TECHNIQUES AND TOOLS organized by Internal Quality Assurance Cell on 8th & 9th May 2020.
- Online Faculty Development Program On “Fuzzy Sets And Systems” Organized By Department Of Mathematics (Shift – II) Patrician College Of Arts And Science, Chennai
- Online Short Term Training Program on “MATLAB based Teaching-Learning in Mathematics, Science & Engineering
- Two Day - Faculty Development Program on ‘Revised SSR Framework and Documentation’ organized by Internal Quality Assurance Cell Karmaveer Bhaurao Patil College Vashi, Navi Mumbai on 18th & 19th March 2023 under the aegis of RUSA.
- Faculty Development Program (FDP) on “Managing Online Literature in Research: A Practical Approach” on 22.12.2022 recognized by Rajeev Gandhi College of Management Studies and Mahatma Gandhi Missions’ Institute of Management Studies & Research.

AWARDS AND ACHIEVEMENTS:

- Publication award for Book Numerical and Statistical Methods by IQAC, Karmaveer Bhaurao Patil college ,Vashi for academic year 2019-2020.
- Publication award for Book Discrete Mathematics by IQAC, Karmaveer Bhaurao Patil college ,Vashi for academic year 2021-2022.

ANY OTHER DETAILS:

- Working on College Level “Website Committee”.
- Working on College Level “Anti-Ragging Committee”.
- Working on College Level “IT Infrastructure Committee”.