


<b>Name</b>	<b>Dr. Sanjay Baburao Kulkarni</b>	
Designation	Professor & Dean faculty	
Department	First Year Engineering (Science & Humanities)	
Date of Joining the Institute	13/07/1998	
Education	Ph.D. in Applied Mathematics (Basic Sciences), Dr. Babasaheb Ambedkar Technological University, Lonere, Maharashtra, May 2010	
	Post Graduate Diploma in Computer Applications, Gulbarga University Gulbarga, Mar 1996	
	Master of Science in Mathematics, Gulbarga University Gulbarga, Mar 1995	
	Bachelor of Science in Mathematics, Physics and Chemistry, Gulbarga University Gulbarga, Apr 1993	
Branch / Specialization	Applied Mathematics / Non-Newtonian Fluids	
Areas of Interest / Research Interest	Non-Newtonian Fluids, Optimization Techniques, Numerical Techniques, Operational Research, Statistics and Elastico-Viscous Fluid	
Email	Sanjay.kulkarni@famt.ac.in	
Personal Homepage link	<a href="https://vidwan.inflibnet.ac.in/profile/421516">https://vidwan.inflibnet.ac.in/profile/421516</a>	

#### Academic Appointments

<b>Name of the University / Institute/ Industry</b>	<b>Duration</b>	<b>Designation</b>
<b>Finolex Academy of Management and Technology, Ratnagiri</b>	<b>From 01/11/2015 to till date</b>	<b>Professor &amp; Dean</b>
<b>Finolex Academy of Management and Technology, Ratnagiri</b>	<b>From 01/12/2011 to 30/10/2015</b>	<b>Associate Professor</b>
<b>Finolex Academy of Management and Technology, Ratnagiri</b>	<b>From 01/07/2009 to 30/11/2011</b>	<b>Selection Grade Lecture</b>
<b>Finolex Academy of Management and Technology, Ratnagiri</b>	<b>From 01/07/2004 to 01/07/2009</b>	<b>Senior Lecture</b>

<b>Finolex Academy of Management and Technology, Ratnagiri</b>	<b>From 13/07/1998 to 01/07/2004</b>	<b>Lecturer</b>
<b>Maharashtra College of Engineering, Nilanga</b>	<b>From 01/08/1995 to 13/07/1998</b>	<b>Lecturer</b>
<b>Total Experience – 28 Years</b>		

#### **Research Grant Received - 01**

For "**Non-Newtonian Fluid Flows of Second Order Type**", Grant of Rs. **30000** sanctioned by **University of Mumbai** under the **Minor Research Project Scheme** in **AY 2018 -19**

#### **Papers Published**

#### **Papers Published in National / International Journals - 27**

#### **International Journals – 27**

Paper titled "**The Study of the Value of n Probability Sampling by Testing Hypothesis and Experimentally**" published in International Journal of Computers, Mechanical and Management, Issue - Forthcoming, **December 2023 (ISSN: 3009-075X)**  
(<https://jcmm.co.in/index.php/jcmm/article/view/101>)

Paper titled "**Exact solutions of an MHD layer elastic o viscous fluid flow of second order type with angle of inclination on the porous boundary**" published in International Journal of Advances in Engineering Research, Volume-3, Issue -3, **March 2022 (ISSN: 2231-5152, p-ISSN: 2454-1796)**  
(<https://ijaer.com/admin/upload/04%20S%20B%20Kulkarni%2001239.pdf>)

Paper titled "**Design and Implementation of Microcontroller based Low-Cost Control and Data Acquisition System for Electric Drives**" published in International Journal of Instrumentation & Control Engineering, Volume-7, Issue -2, **April 2019**  
(<https://doi.org/10.26634/jic.7.2.16762>)

Paper titled "**Forced Oscillations of Electrically Conducting Fluid with Angle of Inclination on the Porous Boundary**" published in International Journal of Research in Electronics and Computer Engineering, **UGC Approved Journal**, Volume-6, Issue -3, **September 2018 (ISSN: 2393-9028, p-ISSN: 2348-2281)**  
([https://scholar.google.com/citations?view\\_op=view\\_citation&hl=en&user=9NYMoIIAAAJ&citation\\_for\\_view=9NYMoIIAAAJ:J\\_g5IzvAfSwC](https://scholar.google.com/citations?view_op=view_citation&hl=en&user=9NYMoIIAAAJ&citation_for_view=9NYMoIIAAAJ:J_g5IzvAfSwC))

Paper titled "**Effect of Frequency of Excitation and Angle of Inclination on MHD Flow of Elastic-Viscous Fluid Creating Sinusoidal Disturbances on the Porous Boundary**"

published in International Journal of Engineering Technology Science and Research, **UGC Approved Journal**, Volume-4, Issue -10, **October 2017** (ISSN: **2394-3386**) (Unpaid)  
([https://scholar.google.com/citations?view\\_op=view\\_citation&hl=en&user=9NYMoIIAAAAJ&citation\\_for\\_view=9NYMoIIAAAAJ:qjMakFHDy7sC](https://scholar.google.com/citations?view_op=view_citation&hl=en&user=9NYMoIIAAAAJ&citation_for_view=9NYMoIIAAAAJ:qjMakFHDy7sC))

Paper titled **"Numerical Investigation of Unsteady Flow of an Incompressible Elastic-Viscous Fluid in a Tube of Spherical Cross Section on the Porous Boundary"** published in International Journal of Engineering and Applied Sciences, Volume-1, Issue -4, **January 2017**  
(<https://www.sciencepublishinggroup.com/article/10.11648.j.eas.20160104.11>)

Paper titled **"On the class of exact solutions of MHD fluid flow of second order type by creating forced oscillations on the porous boundary"** published in International Journal of Recent Advances in Engineering & Technology, **UGC Approved Journal**, Volume-4, Issue -8, **2016** (ISSN: **2347-2812**) (Unpaid)  
([http://www.irdindia.in/journal\\_ijraet/pdf/vol4\\_iss8/1.pdf](http://www.irdindia.in/journal_ijraet/pdf/vol4_iss8/1.pdf))

Paper titled **"Unsteady MHD elastico-viscous fluid flow of second order type in a tube of hyperbolic cross section on the porous boundary"** published in SCIREA Journal of Mechanics, Volume-1, Issue -1, **2016** (ISSN: **2350-1146**)  
(<https://article.scirea.org/pdf/13001.pdf>)

Paper titled **"Forced oscillations of elastico-viscous fluid under the influence of applied magnetic field on the porous boundary"** published in Asian Journal of Convergence in Technology, **UGC Approved Journal**, Volume-2, Issue - 3, **2016**

Paper titled **"Effect of mass flow rate on unsteady fluid flow in a tube of hyperbolic cross section"** published in Journal of Innovative Research and Development, Volume-1, Issue -1, **December 2016**

Paper titled **"Flow of elastico-viscous fluid past an infinite plate with variable suction under the influence of magnetic field"** published in Journal of Innovative Research and Development, Volume-1, Issue -2, **December 2016**

Paper titled **"Forced oscillations of electrical conducting fluid under the influence of magnetic field on the porous boundary"** published in American Journal of Software Engineering and Applications, Volume-5, Issue -5, **2016** (ISSN: **2327-2473**)  
(<https://www.sciencepublishinggroup.com/article/10.11648.j.ajsea.20160505.11>)

Paper titled **"Unsteady MHD Flow of an Incompressible Fluid in a Tube of Spherical cross section with angle of inclination on a porous Boundary"** published in International Journal of Latest Research in Science and Technology, **UGC Approved Journal**, Volume-4, Issue -6, **2015** (ISSN: **2278-5299**)  
([https://www.mnkjournals.com/journal/ijlrst/Special\\_issue/1-1-23112015.pdf](https://www.mnkjournals.com/journal/ijlrst/Special_issue/1-1-23112015.pdf))

Paper titled **"Numerical Investigation of Unsteady MHD Flow of Second Order Fluid in a Tube of Elliptical Cross- section on the porous boundary"** published in International Journal of Physical and Mathematical Sciences, Volume-9, Issue -9, **2015** (ISNI: **0000000091950263**)  
(<https://doi.org/10.5281/zenodo.1338502>)

Paper titled **"On the class of exact solutions of MHD boundary layer flow of second order type by creating sinusoidal disturbances on the porous boundary"** published in International Journal of Applied Computational Mathematics, **UGC Approved Journal**, Volume-4, Issue -5, **2015** (ISSN: **2188-9679**) (Unpaid)

[\(DOI: 10.4172/2168-9679.1000246\)](https://doi.org/10.4172/2168-9679.1000246)

Paper titled **"Unsteady MHD Flow of an Incompressible Fluid in a Tube of Spherical cross section on a porous Boundary"** published in International Journal of Mechanical and Mechatronics Engineering, Volume-9, Issue -4, **2015 (ISNI:0000000091950263)** (Unpaid)  
(<https://publications.waset.org/10001228/unsteady-mhd-flow-of-an-incompressible-elastico-viscous-fluid-in-a-tube-of-spherical-cross-section-on-a-porous-boundary>)

Paper titled **"Unsteady flow of an Incompressible Elastico – Viscous fluid of Second Order Type in Tube of Ellipsoidal Cross Section on a Porous Boundary"** published in International Journal of Mechanical and Mechatronics Engineering, Volume-9, Issue -2, **2015 (ISNI:0000000091950263)**  
(<https://publications.waset.org/10000989/pdf>)

Paper titled **"Unsteady MHD flow of elastico – viscous incompressible fluid through a porous media between two parallel plates under the influence of magnetic field"** published in International Journal of Defense Science, **UGC Approved Journal**, Volume-65, Issue -2, **March 2015 (ISSN: 0011-748X)**  
(<https://core.ac.uk/download/pdf/333722649.pdf>)

Paper titled **"Unsteady Poiseuille Flow of Second order fluid in a tube of Elliptical cross section with an angle of inclination of the plane with horizontal on the porous boundary"** published in Ethical Prospects Economy, Society and Environment, Volume-65, Issue -2, **March 2015 (ISBN: 0978-9383-045-1)**  
([https://scholar.google.com/citations?view\\_op=view\\_citation&hl=en&user=9NYMoIIAAAJ&cstart=20&pagesize=80&citation\\_for\\_view=9NYMoIIAAAJ:eQOLeE2rZwMC](https://scholar.google.com/citations?view_op=view_citation&hl=en&user=9NYMoIIAAAJ&cstart=20&pagesize=80&citation_for_view=9NYMoIIAAAJ:eQOLeE2rZwMC))

Paper titled **"Unsteady flow of an incompressible viscous electrically conducting fluid in tube of elliptical cross section under the influence of magnetic field"** published in International Journal of Physical and Mathematical Sciences, Volume-8, Issue -10, **2014 (ISNI:0000000091950263)**  
(<https://publications.waset.org/10000192/pdf>)

Paper titled **"Unsteady poiseuille flow of second order fluid in a tube of elliptical cross section on the porous boundary"** published in International Journal of Special Topics & Reviews in Porous Media, **UGC Approved Journal**, Volume-4, Issue -3, **2014 (ISSN: 2151-4798)**  
([DOI: 10.1615/SpecialTopicsRevPorousMedia.v5.i3.60](https://doi.org/10.1615/SpecialTopicsRevPorousMedia.v5.i3.60))

Paper titled **"Flow of an elastico-viscous fluid past an infinite plate with variable suction"** published in International Journal of Defense Science, **UGC Approved Journal**, Volume-57, Issue -7, **July 2007 (ISSN: 0011-748X)**  
(<https://core.ac.uk/download/pdf/333720206.pdf>)

Paper titled **"On the class of exact solutions of an incompressible fluid flow of second order type by creating forced oscillations on the porous boundary"** published in International Journal of Defense Science, **UGC Approved Journal**, Volume-57, Issue -2, **March 2007 (ISSN: 0011-748X)**  
(<https://publications.drdo.gov.in/ojs/index.php/dsj/article/view/1746/842>)

Paper titled **"On the class of exact solutions of an incompressible fluid flow of second order type by creating sinusoidal disturbances"** published in International Journal of Defense Science, **UGC Approved Journal**, Volume-56, Issue -5, **November 2006 (ISSN: 0011-748X)**

<https://core.ac.uk/download/pdf/333720318.pdf>

Paper titled **"Effect of Load and Eccentricity Parameters on the Performance Index of Porous Bearings"** published in An International Journal of the Institution of Engineers (India), **UGC Approved Journal**, Volume-87, Issue -3, **October 2006** (ISSN: **2250-0553**)

[https://scholar.google.com/citations?view\\_op=view\\_citation&hl=en&user=9NYMoIIAAAJ&cstart=20&pagesize=80&citation\\_for\\_view=9NYMoIIAAAJ:ufrVoPGSRksC](https://scholar.google.com/citations?view_op=view_citation&hl=en&user=9NYMoIIAAAJ&cstart=20&pagesize=80&citation_for_view=9NYMoIIAAAJ:ufrVoPGSRksC)

Paper titled **"Viscous flow through a porous medium past an oscillating plate in a rotating system with magnetic Effects"** published in An International Research Journal of Material Sciences, **UGC Approved Journal**, Volume-3, Issue -2, **September 2005** (ISSN: **0973-3469**)  
(DOI : <http://dx.doi.org/10.13005/msri/030213>)

Paper titled **"Unsteady Laminar flow of Visco - Elastic Fluid of Second order type between two parallel plates"** published in Indian Journal of Engineering and Material Science, **UGC Approved Journal**, Volume-12, Issue -1, **February 2005** (ISSN: **0971-4588**)  
<https://nopr.niscpr.res.in/bitstream/123456789/8413/1/IJEMS%2012%281%29%2051-57.pdf>

## Papers Presented/Published in National/ International Conferences - 22

### International Conferences – 14

Presented a paper entitled **"The analysis of the value of n by simulation approach and non-parametric statical testing of hypothesis"** International conference on Computational Engineering (ICCE – 2023) 8<sup>th</sup> - 9<sup>th</sup> **December 2023**.

Presented a paper entitled **"The comparative study of the value of n by experimentally and random numbers"** International conference on Recent Research in Applied Sciences September 26<sup>th</sup> - 27<sup>th</sup>, **2023**.

Presented a paper entitled **"The study of the value of n by testing of hypothesis and experimentally"** International conference on Research Trends in Contemporary Mathematics February 03<sup>rd</sup> - 04<sup>th</sup>, **2023**.

Presented a paper entitled **"The study of the value of n probability sampling by testing of hypothesis and experimentally"** International conference on Recent Advances in Sciences and Engineering October 04<sup>th</sup> - 05<sup>th</sup>, **2023**.

Presented a paper entitled **"Exact solutions of second order fluid past an infinite plate with variable suction under the influence of magnetic field and angle of inclination on the porous boundary"** International conference on Recent Trends in Applied and Computational Mathematics October 10<sup>th</sup> - 11<sup>th</sup>, **2022**.

Presented a paper entitled **"Exact solutions of an MHD layer elastic-viscous fluid flow of second order type with angle of inclination on the porous boundary"** International conference on Advances in Engineering, Technology & Business Management February 22<sup>nd</sup> - 23<sup>rd</sup>, **2022**.

Participated in International Virtual Conference on **"Progress in Mathematics towards**

**Industrial Applications (PMTIA – 2022)**” organised by the Department of Mathematics, SRMIST, Ramapuram, Chennai October 28<sup>th</sup> – 29<sup>th</sup>, **2022**.

Presented a paper entitled “**Effect of angle of inclination on MHD layer fluid flow of second order type on the porous boundary**” International conference on Progress in Mathematics towards Industrial Applications (PMTIA – 2021) February 29<sup>th</sup> – 30<sup>th</sup>, **2021**.

Paper presented titled “**A On the class of exact solutions of MHD boundary layer flow of second order type by creating forced oscillations on the porous boundary**” for the International Conference on Recent Trends in Computing communication and Science, January 08<sup>th</sup> & 09<sup>th</sup>, **2016**.

Presented a paper entitled “**Unsteady MHD Flow of an Incompressible Fluid in a Tube of Spherical cross section with angle of inclination on a porous Boundary**” International conference on Mathematical Sciences September 15<sup>th</sup> & 16<sup>th</sup>, **2015**.

Presented a paper entitled “**On the class of exact solutions of elastico – viscous fluid in a tube of elliptical cross section over an inclined rigid plane on the porous boundary**”. International Conference on Ethical Prospects Economy, Society and Environment organized by Ratnagiri Sub-Centre, University of Mumbai in association with ICSSR-WRC, Mumbai, on March 13<sup>th</sup> & 14<sup>th</sup>, **2015**.

Presented a paper entitled “**Un steady laminar flow of second order fluid between two porous parallel plates**” was presented at 14<sup>th</sup> International Conference on computational methods and Applications to be held at IIT Madras, **2007**.

A paper entitled “**On the characteristic performance of second order fluid flow between two parallel porous plates when the pressure gradient varies sinusoidally**” was presented and published at 3<sup>rd</sup> International 33<sup>rd</sup> National conference on Fluid Mechanics and Fluid Power, IIT Bombay, **2007**.

A paper entitled “**On the characteristic performance of elastico-viscous fluid past an infinite plate with variable suction under the influence of magnetic field**” was presented at International Symposium on Recent Advances In Mathematics & Its Applications held at Calcutta Mathematical Society, **2005**.

#### **National Conferences –08**

Presented a paper entitled “**Exact Solutions of MHD fluid flow of second order type by creating forced oscillations with angle of inclination on the porous boundary**” National Conference on Recent Advances in Mathematical and Applications organized by Department of Mathematics, University of Tumkur, on December 01-02, **2017**.

Presented and published a paper “**Forced oscillations of elastic-viscous fluid under the influence of applied magnetic field on the porous boundary**” in 2<sup>nd</sup> National conference on Recent Advances in science and Technology, February 17<sup>th</sup> & 18<sup>th</sup>, **2016 (ISBN-978-93-83046-31-7)**.

Presented and published a paper “**Unsteady poiseuille flow of second order fluid in a tube of hyperbolic cross section on the porous boundary**” in 2<sup>nd</sup> National conference on Recent Advances in science and Technology, February 17<sup>th</sup> & 18<sup>th</sup>, **2016 (ISBN-978-93-83046-31-7)**.

Presented a paper entitled **"On the class of exact solutions of an incompressible fluid flow of second order type by creating sinusoidal disturbances under the influence of magnetic field"** National Conference on Recent Advances in Applied Mathematics (NCRAAM-2014) organized by Department of mathematics, Gulbarga University of Gulbarga, on **September, 11-12, 2014.**

Presented a paper entitled **"Unsteady flow of a viscoelastic fluid through a porous media between two impermeable parallel plates under the influence of magnetic field"** National Conference on Differential Equations and Applications organized by Department of mathematics, University of Mumbai, on February 14-15, **2014.**

Presented and published a paper entitled **"Visco- elastic fluid flow between two parallel plates at a naturally permeable wall"** National Conference held at FAMT. Ratnagiri, on 30 -31 October **2009.**

Presented and published a paper entitled **"On the characteristics performance of elastic-viscous fluid past an infinite plate with variable suction under the influence of magnetic field"** at 34<sup>th</sup> FM&FP National Conference held at Birla Institute of Technology, Mesra, Ranchi, on 10 -12<sup>th</sup> December **2007.**

Presented and published a paper entitled **"Critical study of an elastico – viscous fluid past an infinite plate with variable suction"** at 32<sup>nd</sup> FM&FP held at Osmanabad college of Engineering, on 15 -17 December **2005.**

#### **Books / Book Chapter - 01**

**"Elastico – Viscous Fluid Flows"**, LAP LAMBERT Academic Publishing GmbH & Co. KG, Dudweiler Landstr. 99, 66123 Saarbrücken, Germany **ISBN - 978-3-8443-2325-2**, (<https://www.amazon.in/Elastico-Viscous-Fluid-Sanjay-Baburao-Kulkarni/dp/3844323252>)

#### **Awards / Honors / Prizes / Achievements**

Received **Best paper Award** in **3<sup>rd</sup> International conference on Recent Trends in Applied and Computational Mathematics (ICAETBM – 2022)** organized by Nutan Maharashtra Institute of Engineering & Technology, Pune/India for **Exact solutions of an MHD layer elastic-viscous fluid flow of second order type with angle of inclination on the porous boundary.**

Received **Appreciation letter** dated **08/03/2022** by Principal FAMT, Ratnagiri.

Received **Appreciation letter** dated **13/06/2020** by Principal Arts, Commerce & Science, Lanja, Ratnagiri.

Received **Appreciation letter dated 19/01/2017** by Principal R. P. Gogate College of Arts & Science and R. V. Jogalekar College of Commerce, Ratnagiri.



Received **Appreciation letter** dated **08/08/2016** by Director Physical Education & Sports University of Mumbai.

Received **Appreciation letter** dated **06/12/2016** by Principal FAMT, Ratnagiri.

Received **Appreciation letter** dated **20/11/2015** by Principal FAMT, Ratnagiri.

Received **Appreciation letter** dated **02/10/2015** by Principal FAMT, Ratnagiri.

Top 100 Professionals of 2015 by International Biographical Centre, Cambridge London.

2000 Outstanding intellectuals of 21st Century ~ 9th Edition (2015) by International Biographical Centre, Cambridge London.

The Da Vinci Diamond for Inspirational Accomplishment by International Biographical Centre, Cambridge London.

Aland Sri by S. R. Foundation, Aland 2015.

Received **Appreciation letter** dated **07/03/2011** by Director FAMT, Ratnagiri

#### **Number of Workshops, Seminars, STTPs, FDPs Attended – 32**

Participated in the **Five Day FDP** on "**Recent Advances in Applied Mathematics**" organized by, **Department of Mathematics, Sri Manakula Vinayagar Engineering College, Madagadipet Puducherry**, on 4<sup>th</sup> – 8<sup>th</sup> September 2023.

Attended a **Seven Days** National online **FDP** on "**Research Methodology: Analysis, Tools & Techniques**" Organized by the Internal Quality Assurance Cell & PG and Research Department of Mathematics, **Theivanai Ammal College for Women (Autonomous), Villupuram** on 28.12.2022-03.01.2023

Participated in National Webinar on "**Mathematics of Quantum Computation**" organized by the **Department of Mathematics, JSSATE NOIDA** on September 16, 2023.

Participated in the One Day International Workshop on "**EXPLORING MOLECULES VIA GRAPH THEORY**" organized by, The Department of Mathematics, **School of Advanced Sciences, VIT, Vellore** on 8th September 2023.

Attended a "**International Seminar on Indian Mathematicians and their Contributions**" (ISIMC-2022) to commemorate the 135th birth anniversary of legendary Indian Mathematician Srinivasa Ramanujan Organized by Department of Mathematics, School of Physical Sciences, 21-22, December 2022 **Central University of Karnataka**, Kalaburagi-585 367, India

Participated in a **Two Week Online International** Faculty Development Programme on "**Current Trends in Applications of Mathematics**", organized by the Department of Mathematics, School of Sciences and Humanities, **Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, Chennai-62, Tamil Nadu**, India from 21-09-2022 to 04-10-2022.



Attended an Expert talk on "**Number theory & its applications**" as part of Ramanujan Day 2022, organized by the **Department of Mathematics, SRMIST, Ramapuram, Chennai** 600089 on 23rd of December 2022.

Attended a Virtual Workshop on "**Reliability Modeling and its Applications**", organized by the **Department of Mathematics, SRMIST, Ramapuram, Chennai** - 600089 on 24th & 26th August 2022.

Participated in a **3 Day FDP** on "**Creative Thinking and Quality Publication**" Organized by **Department of Science and Humanities, Sairam College of Engineering, Bengaluru** on 29/09/21 to 01/10/2021.

Participated in **One-Week** virtual National Faculty Development Program on Scientific Documentation using LaTeX (SDL-2021) organized by **Department of Engineering Mathematics and Humanities, SRKR Engineering College (A), Bhimavaram** held during 09-08-2021 to 14-08-2021.

Attended One Day **FDP** on "**Types of Patents in India**" organized by Turnip Innovations PVT. LTD during 16/01/2020.

Participated in one Day online **workshop** on "**Social Entrepreneurship, Swachhta & Rural Engagement for Higher Educational Institutions**" in Association with **Mahatma Gandhi National Council of Rural Education** on 30/10/2020.

Successfully completed the 5 days Online Short-Term Training Program on "**RECENT TRENDS IN DATA SCIENCE AND INFORMATION SECURITY**" organized by the Department of Computer Engineering during 22nd June to 26<sup>th</sup> June 2020.

Attended **STTP** on "**Latex for Everyone**" Department of Engineering Sciences, organized by Ramrao Adik Institute of Technology, Mumbai during 18th - 20th June 2020.

Participated and completed **One Week** Faculty Development Programme on "**Research Opportunities in Advanced Manufacturing Processes**" from 22nd June, 2020 to 28th June, 2020 organized by Department of Mechanical Engineering of BV(DU) COE, Pune.

Successfully completed the **online One – Week Short Term Training** Program on "**MATLAB based Teaching-Learning in Mathematics, Science & Engineering**". This STTP was organized by the Department of Electronics Engineering, Ramrao Adik Institute of Technology, Nerul, Navi Mumbai in collaboration with Design Tech Systems Pvt. Ltd., Mumbai during 18th to 22nd May 2020.

Participated in a **One-week** Online Faculty Development Program (FDP) on "**Exploring the Dimensions of Innovation, Incubation and Emerging Technologies to Embrace Post COVID Changes**" Organized by Department of Mechanical Engineering, FAMT, Ratnagiri from 08th June to 12th June 2020.

Attended the **Two-Week ISTE workshop** on "**Cyber Security**" Conducted by Indian institute of Technology" from **10<sup>th</sup> Jul to 20<sup>th</sup> Jul** 2014, Bombay.

Attended the **Two-Week ISTE workshop** ISTE workshop on "**Control Systems**" Conducted by Indian institute of Technology from **16<sup>th</sup> Jun to 25<sup>th</sup> Jun** 2014, Bombay.

Attended the **Two-Week ISTE workshop** on "**Computer Programming**" Conducted by Indian institute of Technology from **2<sup>nd</sup> Jan to 12<sup>th</sup> Dec** 2014, Bombay and **Kharagpur**.

Attended the **Two-Week ISTE workshop** on "**Engineering Mechanics**" Conducted by Indian institute of Technology from **26<sup>th</sup> Nov to 06<sup>th</sup> Dec** 2013, Bombay.

Attended the **One - Week workshop** on "**Research in Educational Technology**" Conducted by Indian institute of Technology from **2<sup>nd</sup> February to 9<sup>th</sup> February** 2013, Bombay.

Attended the two-day **workshop** on "**Aakash for Education**" Conducted by Indian institute of Technology from **10<sup>th</sup> November to 11<sup>th</sup> November** 2012, Bombay.

Attended the One – Day **Orientation Program on Applied Mathematics** Sem -I & II conducted on behalf of University of Mumbai at K. J. Somaiya College of Engineering on 6<sup>th</sup> Sep, 2012.

Attended the One – Day **workshop** on Question Paper Bank conducted on behalf of University of Mumbai at K. J. Somaiya College Engineering on 21<sup>st</sup> July, 2012.

Attended the One – Day **workshop** on **Credit Based Examination** conducted on behalf of University of Mumbai at Thadomal Shahani Engineering College on 06<sup>th</sup> Aug, 2012.

Attended the **two-week ISTE workshop** on "**Introduction to research Methodologies**" Conducted by Indian institute of Technology from **25<sup>th</sup> June to 04<sup>th</sup> July** 2012, Bombay.

Attended the **workshop** on "**Using soft tools for teaching methodologies in engineering mathematics**" from 28<sup>th</sup> Apr- 3<sup>rd</sup> May 2008 offered by V.I.I.T. Pune.

Attended the **National Summer School 2006**, from 15<sup>th</sup> – 27<sup>th</sup> May 2006 offered by Sinhgad College of Engineering, Pune.

Three-day **workshop** on **Unix** offered by Finolex Academy of Management & Technology Ratnagiri, Aug 12-13, 2006.

Three-day **workshop** on **Latex** offered by Finolex Academy of Management & Technology Ratnagiri on Dec 9 – 11, 2004.

Attended the One – Week Workshop on "**Recent Mathematical Techniques for Industry with a Special Focus on Nanotechnology**" offered by Indian Institute of Technology Kharagpur. Dec 5-11, 2005.

**Technical Seminars/ Workshop/ Lecture/ Invited Talks As a Resource Person - Write here total number talks you have been invited for**

Worked as Resource Person for **One Day National Seminar on Recent Trends in Applied Mathematics** held on 13/06/2020 to 13/06/2020, **Arts, Commerce & Science, Lanja, Ratnagiri**.

Worked as Session Chair in 2<sup>nd</sup> National conference on **Recent Advances in science and Technology**, February **17<sup>th</sup> & 18<sup>th</sup>, 2016**.

Worked as Member of Syllabus design committee of **Member of Vidya Samitee** for next three years starting from 2018 - 19, **Department of Mathematics R. P. Gogate College of Arts & Science, Ratnagiri.** from 20/01/2018 to 20/01/2021.

Worked as Delivered Seminar on Choice Based Credit Grading System of on 8th Aug 2016 from 08/08/2016 to 08/08/2016.

Worked as Convener of **2nd National conference on Recent Advances in science and Technology**, February 17th & 18th, 2016. from 17/02/2016 to 18/02/2016.

Worked as a Resource Person and delivered seminar on **How to write Research Paper on December** 2nd, 2015, at Finolex Academy of Management and Technology, Ratnagiri from 02/12/2015 to 02/12/2015.

Conducted Seminar on "**Credit Based Grading System**" for First Year Engineering students.

#### **Extension / Outreach Programs/ Social Programs As a Resource Person**

Worked as Faculty in Charge of **University of Mumbai Inter-Collegiate Cross-Country Race** from 01/08/2016 to 31/08/2016.

#### **Professional Membership**

Indian Society for **Technical Education (ISTE)**, New Delhi Life Member Since, 1998.

Indian Society of **Theoretical and Applied Mechanics IIT**, Kharagpur Life Member from Dec, 2005.

World Academy of Science Engineering and Technology. International Scientific committee PO BOX 982, Riverside, Conneticut, CT 06878, USA.

Member of International Biographical Centre, Cambridge, England.

Member of World Scientific and Engineering Academy and Society

#### **Other Experience**

##### **Paper Reviewer/ BOS Member/ Editorial Board Member**

Worked as a member of editorial board of **Lawarence Press**.

Worked as a member of editorial board **World Scientific and Engineering Academy and Society**.

Worked as a member of editorial board **World Academy of Science Engineering and Technology**.

Worked as a Reviewer for **International journal of Porous Media**.

Worked as a Reviewer for **Defense Science Journal India**.

Worked as a Reviewer for **Journal of the Institution of Engineers (India)**.

### **College Level Administrative Responsibilities**

Working as **Dean Faculty** from 10/04/2017 to till date.

Worked as **Dean Academics** from 31/03/2016 to 10/04/2017.

Worked as **Head of First Year Engineering (HoD)** (Science & Humanities) from 01/08/2015 to 20/12/2019.

Worked as **FE Coordinator** from 01/07/2011 to 01/07/2013.

Worked as **Head of Applied Mathematics (HoD)** from 01/07/2009 to 01/08/2015.

Worked as convenor of Internal Vigilance Squad for Winter 2023 Examination

Working as **Sports In charge** from 10/10/2007 to 31/07/2023.

Worked as **Feedback Committee Coordinator (Head/Convenor)** of 10th August 2015 onwards from 10/08/2015 to 12/11/2017.

Working as **Convener of NIRF/India Ranking** Committee from 30/11/2015 to till date.

Working as **Convener of Award and Ranking** from 20/01/2016 to till date.

Working as **Member of Internal Quality Assurance Cell** from 19/12/2015 to till date.

Worked as Convenor of **Academic Audit Committee** from 19/05/2017 to 19/12/2018.

Working as Convener of **AICTE EOA** from 06/07/2016 to till date.

Working as Convenor of **AICTE C II Survey** from 06/07/2017 to till date.

**Authorized to sign** Various documents / certificates related to Students and Examination Sections.

Convener of the committee **i3RC Times Engineering Institute Rankings**.

Working as a Convenor of **Self - Appraisal Committee**

Worked as a Convenor of **Covid 19 Committee**

Working as a Member of **Governing Body**

Working as a Member of Internal **Complaint Committee**

Working as a Convenor of **Attendance Committee**

Working as a Convenor of **Universal Human Values** (UHV) Cell

Convenor of the committee **The Week Hansa Research Engineering** Survey.

Convenor of the committee **India Today Ranking**.

Convenor of the committee **Outlook Best Engineering Colleges Ranking**.

Member of **ANTI RAGGING** Committee

Member of selection of **students Representative** (GS, LR, SS(M) and SS(L))

Convenor of Fact-Finding Committee

Member of selection of **Best Student**

Member of selection of Sports Person of Year

Member of faculty Selection committee

Working as Convenor of Perspective Plan of University of Mumbai of Convenor of Perspective Plan of University of Mumbai from 06/06/2018 to 2020.

Worked as Faculty In charge for F.E. Well come function of Faculty In charge for F.E. Well come function from 01/08/2015 to 01/08/2018.

Worked as Convener of Science & Humanities in RAST2K16 of Convener of Science & Humanities in RAST2K16 from 15/02/2016 to 16/02/2016.

Worked as CAP Co-Ordinator of University of Mumbai for November & December 2012 from 12/12/2012 to 31/01/2013.

### **Judge Panel / Staff Selection Committee / Subject Expert**

The **external component** or resource person in **Vidya Samitee Committee** to guide and plan academic activities of **Department of Mathematics of Gogate College of Arts & Science, Ratnagiri**.

The Subject Expert /referee for the "**Research Project competition**" on Applied Mathematics on January 2021 at **Department of Mathematics of Gogate College** of Arts & Science, Ratnagiri.

Worked **as Member of Syllabus design** committee of Member of Vidya Samitee from starting from 2017 - 18, Department of Mathematics **R. P. Gogate College of Arts & Science, Ratnagiri** from 18/12/2017 to 19/12/2018.

Worked as referee for **Research project Competition on Applied Mathematics**, 19th January 2017 Department of Mathematics **R. P. Gogate College of Arts & Science, Ratnagiri** from 19/01/2017 to 19/01/2017.

Worked as Worked as referee for **SHODHVEDH-2016** on 24th September 2016 of Worked as referee for SHODHVEDH-2016 on 24th September 2016 Department of Mathematics **R. P. Gogate College of Arts & Science, Ratnagiri.** from 24/09/2016 to 24/09/2016.

Worked as a **CAP coordinator for the 2011** paper assessment of **Engineering cluster CAP of University of Mumbai** at Finolex Academy of Management and Technology, Ratnagiri.

Worked as a **Chief Conductor** for conducting the Examination of **University of Mumbai in 2000, 2002 and 2005** at Finolex Academy of Management & Technology, Ratnagiri.

Worked as a **Senior Supervisor** of **Engineering Examination of University of Mumbai, 2010 & 2006** at Finolex Academy of Management & Technology, Ratnagiri.

Carried out exam related duties such as **Convener, Paper Setter, Moderator, Examiner and External Examiner** as pointed by Board of Examination, University of Mumbai.

Worked as **Subject Expert** for **USSC** selection of faculty in Applied Mathematics, University of Mumbai

### Subject Taught

Sr. No.	Name of the Subject	Year/Branch/Semester	Experience
1	Engineering Mathematics - I	FE/ALL/I	26
2	Engineering Mathematics – II	FE/ALL/II	26
3	Engineering Mathematics – III	SE/Mechanical/III	15
4	Engineering Mathematics – IV	SE/Mechanical/IV	15
5	Engineering Mathematics – III	SE/Electrical/III	15
6	Engineering Mathematics – IV	SE/ Electrical /IV	15
7	Engineering Mathematics – III	SE/Information Technology/III	15
8	Engineering Mathematics – IV	SE/Information Technology/IV	15
9	Applied Mathematics - V	TE/Mechanical/V	05
10	Applied Mathematics - V	TE/Mechanical/V	05
11	Operational Research	SY/MCA/III	04
12	FMCS - II	FY/MCA/II	02
13	Numerical Techniques	SE/Electrical/III	08
14	Numerical Techniques	SE/Electronics/III	06
16	Numerical Methods	SE/Electronics/III	05

17	Numerical Methods	SE/Electronics/III	05
18	Statics for AI & DS	TE/Computer Engineering/V	02
19	Statistical Learning for DS	TE/Computer Engineering/V	01