

Curriculum Vitae



Name: Dr. Poonam Shantilalji Bora

Address: Vardhaman Chambers, Jafar Gate, Mondha Road,
Chhatrapati Sambhajinagar

E-mail: poonam.bora@mit.asia,

Date of Birth: 08-02-1985

Academic Credentials

Class/ Degree	Specialization	Institution	University	Year	%/CGPA	Class
Ph.D.	Mathematics		Dr. Babasaheb Ambedkar Marathwada University, Chhatrapati Sambhajinag ar	June 2014		
M.Phil.	Mathematics	Department of Mathematic s, Dr. Babasaheb Ambedkafr Marathwada University, Chhatrapati Sambhajina gar	Dr. Babasaheb Ambedkafr Marathwada University, Chhatrapati Sambhajinag ar	June 2009	75.5 %	<i>Distinction</i>

M.Sc.	Mathematics	Department of Mathematics, Dr. Babasaheb Ambedkar Marathwada University, Chhatrapati Sambhajinagar	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	June 2008	86.3 %	<i>First Class</i>
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M.Phil. (Mathematics)

Dissertation Title	Semigroups of Operators
Guide	Dr. Machindra Dhakne
College	Department of Mathematics, Dr. Babasaheb Ambedkar Marathwada University, Chhatrapati Sambhajinagar

M.Sc. (Mathematics)

University	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad
Completed on	June 2008

Ph.D. (Mathematics)

University	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad
Completed on	July 2014

Key Research Areas: Integrodifferential Equations

Experience

Sr. No.	Organization	Post	From-To	No. of Years
1	MIT	Assistant Professor	2014-till date	10 yrs
2	Vasantrao Naik Mahavidyalaya	Lecturer	2009-2011	2 yrs.
3	SBES College of Science	Lecturer	2008-2009	1 yr.

List of Courses Taught/Teaching at UG level:

- Engineering Mathematics I

- Engineering Mathematics II
- Engineering Mathematics III
- Engineering Mathematics IV
- Probability & Random Theory
- Statistical Methods in Engineering

List of Courses Taught/Teaching at PG level: Nil

Additional Assignments/Duties:

- Worked as Core Committee member of FY SIP 2023-24
- Worked as FY Expert Talk Coordinator for Part II A.Y. 2021-22
- Worked as a Coordinator of the event Sci-Clone 2K22 held on 28th February 2022
- Worked as a Coordinator of Two Days Value Added Course on MATLAB held on 28th & 29th June 2021
- Worked as an Organizer of Webinar, "Writing Research Paper" held on 7th July 2020
- Worked as a Treasurer in the event Sci-Clone 2020
- Worked as a Term Work Coordinator for Part I A.Y. 2019-20
- Worked as a member of Central Class Test and Term Work Committee
- Worked as a member of MHT-CET MOCK TEST 2019
- Worked as a member of Kalavihangam for A.Y. 2018, 2019
- Worked as a member of FY Facilitation Centre and FY Admission Committee for A.Y. 2016-17, 2017-18, 2020-21, 2021-22
- Worked as Mathematics Club In charge in the Basic Science & Humanities Department for Part II A.Y.2017, A.Y. 2018-19, A.Y.2019-20

Membership of Professional Bodies: Nil

Seminar/Workshop/Industrial Training/STTP//FDP/CEP/Conference Attended:

WORKSHOPS ATTENDED

- Participated in NAAC-sponsored National Seminar on "Quality Improvement in Technical Education Through Outcome Based Education " organized by IQAC, BRCM College of Engineering & Technology, Bahal, Harayana from 04th to 05th November 2022
- Participated in NAAC-sponsored One Week Online Faculty Development Program on "Qualitative and Quantitative Approaches for Quality Assurance through Performance Indicators in Engineering Institutions" from 02nd to 06th May 2022

- Participated in one week online Faculty Development Program on “Outcome Based Teaching-Learning” organized by the Department of Chemical Engineering, Pravara Rural Engineering College, Loni from 21st to 25th March 2022
- Participated in one week online National level Faculty Development Program on “Role of Mathematics in Latest Engineering Trends” organized by the Department of Mathematics, Lords Institute of Engineering and Technology from 4th to 10th June 2021
- Attended one day online workshop on “OBE Concepts & Implementation and Digital Preparedness for NBA organized by Internal Quality Assurance Cell (IQAC), Maharashtra Institute of Technology, Aurangabad on 29th May 2021
- Attended two days educational summit on Outcome- Based Education (OBE) and National Assessment and Accreditation Council (NAAC) organized by Mastersoft India in association with IQAC, Maharashtra Institute of Technology, Aurangabad on 14th and 15th May 2021
- Attended online session on Challenges in Society Empowerment : Education and Healthcare organized by Maharashtra Institute of Technology, Aurangabad on the occasion of International Women’s day on 09th March 2021
- Attended webinar on “Process of Innovation Development” organized by Department of Basic Sciences and Humanities in association with Institution’s Innovation Council, Maharashtra Institute of Technology, Aurangabad on 08th January 2021
- Participated in Online Workshop on Universal Human Value organized by All India Council for Technical Education (AICTE) during 12th to 16th October 2020
- Participated in Workshop on SPINE CARE YOGA conducted by Dr. Amrita Sethi & Dr. Varsha Chimote (The ART of LIVING Faculty) organized by WOMEN DEVELOPMENT CELL, K.D.K. College of Engineering, Nagpur in association with The Art of Living held during 18th to 20th July 2020
- Participated in one-week STTP on Applications of Mathematical Sciences” organized by Department of Basic Sciences and Humanities, K.D.K. College of Engineering, Nagpur in association with the Indian Society for Technical Association from 13th to 18th July 2020
- Online Faculty Development Program on “ICT Enabled Higher Education in India: Challenges and Opportunities” organized by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Training of MHRD held on 15th April 2020 (Equivalent to a national Seminar)
- Online Faculty Development Program on "RESEARCH, FUNDING & IPR" jointly organized by Department of Electronics & Telecommunication, IQAC AND R & D Cell, K. C. COLLEGE OF ENGINEERING & MANAGEMENT STUDIES AND RESEARCH, THANE

(EAST) in association with under the banner of IETE and Institution's Innovation Cell (IIC) from 7th to 10th May 2020

- One-week online Faculty Development Program on ICT Tools for Effective Teaching Learning organized by School of Mathematical Sciences, Swami Ramanand Teerth Marathwada University, Nanded from 11th to 16th May 2020
- Participated in the online AICTE Recognized Faculty Development program on "NBA Accreditation of Engineering Programs" organized by NITTTR, Chandigarh scheduled from 11th to 15th May 2020
- Attended webinar, "Impact of Global Pandemic on Engineering" organized by G.S. Mandal's Maharashtra Institute of Technology, Aurangabad on 06th May 2020
- Attended Webinar on Advanced OBE - Identifying weaker students and remedial actions organized by InPods Ed- tech on 23rd May 2020
- Attended interactive session, "How to prepare for NBA" by Dr. Vitthal Shirang Bandal, Principal, Government Polytechnic, Pune organized by "Internal Quality Assurance Cell" of Maharashtra Institute of Technology, Aurangabad on 9th May 2020
- Participated in the One Day International e-Conference on Pandemic Pandemonium to Social Equilibrium: The Role of Literature organized by Department of English, Smt. Radhabai Sarda Arts, Commerce & Science College, Anjangaon Surji, Dist. Amravati (MS) held on 31st May 2020
- Participated in One Day International Web-Conference on Impact of COVID-19 on Education System by Department of CSIT, Dr. B.A.M. University, Aurangabad on 30th May 2020
- Two Days Hands-on workshop on "Effective use of ICT tools for efficient online teaching" organized by Department of Information Technology, Pune Institute of Computer Technology, Pune on 29th and 30th May 2020
- Attended one-week Refresher Course on "Use of ICT for Effective Teaching Learning", from 8th to 12th January 2019, organized by Department of Basic Sciences and Humanities, Department of Computer Science and Department of Mechanical Engineering, Maharashtra Institute of Technology, Aurangabad.
- Attended National Level Workshop on "Teaching Methodologies for Engineering Mathematics" organized by Department of First Year Engineering, DIEMS Aurangabad from 23rd to 25th June 2018
- Attended two days Workshop on "Outcome Based Education" organized by Internal Quality Assurance Cell on 4th and 5th December 2017 at Maharashtra Institute of Technology, Aurangabad
- Attended one-week STTP on "Use of ICT for Effective Teaching Learning Process" organized by Department of Basic Sciences and Humanities & Department of Mechanical

Engineering, Maharashtra Institute of Technology, Aurangabad from 27th June to 1st July 2017

- Attended National Workshop on Algebra and its Applications organized by Department of Mathematics, Dr. B. A. M. University, Aurangabad on 17th and 18th March 2017
- Participated in Six-Days Faculty Development Programme on “Empowering Faculty in English Communication and Soft Skills” conducted by Department of Basic Sciences and Humanities, Maharashtra Institute of Technology, Aurangabad from 11th to 16th January 2016
- Participated in One-Day Faculty Development Programme on “Professional English Communication Skills” conducted by Department of Basic Sciences and Humanities, Maharashtra Institute of Technology, Aurangabad on 17th January 2015
- Participated in 77th Annual National Conference of the Indian Mathematical Society and presented a paper entitled “On existence of abstract nonlinear Volterra Fredholm functional integrodifferential equations with nonlocal condition” held at School of Mathematical Sciences, Swami Ramanand Teerth Marathwada University, Nanded from 27th to 30th December 2011
- Participated in State Level Conference on Developments in U.G. and P.G. Mathematics with Applications in Various Fields held at P.E.S. College of Engineering, Aurangabad on 2nd and 3rd February 2009

ORGANISING WORKSHOP/CONFERENCES

Nil

Invited talks delivered: Nil

Intellectual Property Rights: Nil

List of Research Publications

Papers in National/ International Journal

- Machindra B. Dhakne and Poonam S. Bora, Existence of solutions of abstract nonlinear mixed functional integrodifferential equation with nonlocal conditions, Nonautonomous Dynamical Systems, Volume 4, Issue 1 (Apr 2017), pp.1-15
- Machindra B. Dhakne and Poonam S. Bora, On nonlinear second order Volterra-Fredholm functional integrodifferential equation with nonlocal condition in Banach spaces, Fasciculi Mathematici, Vol. 54, (2015), pp. 75-96

- Machindra B. Dhakne and Poonam S. Bora, On nonlinear Volterra-Fredholm functional integrodifferential equations with nonlocal condition in Banach spaces, Malaya Journal of Matematik, Vol. 4, No. 1, (2013), pp. 61-75
- Machindra B. Dhakne and Poonam S. Bora, On nonlinear mixed functional integrodifferential equations with nonlocal condition in Banach spaces, International Journal of Mathematical Sciences and Engineering Applications, Vol. 7, No. V, (September 2013), pp. 57-76. (Impact factor: 0.2172)
- Machindra B. Dhakne and Poonam S. Bora, On abstract nonlinear Volterra-Fredholm functional integrodifferential equations with nonlocal condition, ISST Journal of Mathematics and Computing System, Vol. 3, No. 2 (July-Dec. 2012), pp. 17-26

Papers in National /International Conference Proceedings: Nil

Papers published in Book chapter: Nil

NPTEL Certification:

Start Date	End Date	Duration (in weeks)	Course Name
27 th January 2020	17 th April 2020	12	NBA Accreditation and Teaching - Learning in Engineering (NATE)
29 th July 2019	20 th September 2019	8	TALE 2: Course Design and Instruction of Engineering Course

Date: 24-04-2025
Place: Aurangabad

Dr. Poonam S. Bora
Assistant Professor in BSHD