



Curriculum Vitae (C.V.)

- 1. Full Name:** Dr. Pradipkumar Raghunath Bhadane
- 2. Highest Qualification:** M. Sc. Ph. D.
- Specialization:** Mathematics
- 3. Total teaching experience in the MVP Semaj Nashik:** 33 Years
- 4. Current Designation:** Assistant Professor
- 5. E mail address:** prbhadane66@gmail.com
- 6. Address and Mobile no.:** MANAS, Plot no -42, Chowk No- 5,
Govindnagar, Nashik-422008.
Mobile No- 9404736196

7. Orientation/Refresher/ F.D.P/ Training Program completed (Online/Offline):

Orientation/Refresher/ F.D.P/ Training Program (Online/Offline):	Place	Duration	Sponsoring Agency
Orientation	Academic Staff College Gao	30 days (1994)	UGC
Refresher Course	Bhonsala College, Nashik	21 days (2004)	UGC
Refresher Course	Dr. Babasaheb Ambedkar Marathwada University Aurangabad	21 days (2012)	UGC
Refresher Course	Dr. Babasaheb Ambedkar Marathwada University Aurangabad	21 days (2015)	UGC
FDP	Jamshedpur Women's College, Jamshedpur	8 days (2020)	University
FDP	Deogiri Institute of Engineering and Management studies Aurangabad Maharashtra.	8 days (2020)	BAMU University Aurangabad

8. Publication Record-

RESEARCH, PUBLICATIONS AND ACADEMIC CONTRIBUTIONS

A) Published Papers in Journals

No.	Title with page nos. and Vol(Issue)	Journal	ISSN/ISBN No	Whether Peer Reviewed Impact Factor,	No. of Co-authors	Whether you are the main author
1	Approximate solution of fractional Black-Schol's European option pricing equation by using ETHPM (331-344) 25(2) 2020	Nonlinear Functional Analysis and Applications	1229-1595		01	Yes
2	Solution of Advection- Diffusion Equation for Concentration of Pollution and Dissolved Oxygen in the River Water by Elzaki Transform (116-121) 5(9) 2016	American Journal of Engineering Research	2320-0936		01	Yes
3	Applications of Triple Laplace Transformation to Volterra Integro Partial Differential Equation (3089-3093) 12(13) 2021	Turkish Journal of Computer and Mathematics Education	3089-3093		01	Yes
4	Application of Elzaki Transform to System of Linear Differential Equations (36-43)6(2) 2016	Research Journal of Science & IT Management	2251-1563		01	Yes
5	Approximate Analytical solution of Fractional Gas dynamic equation by Elzaki transform homotopy perturbation method. (29-36) 1(1) 2017	Journal of Basic and Applied Research International	2395-3438		01	Yes
6	Analytical Solution of a Fractional Order Biological Population Model using Laplace Adomian Decomposition Method (395-406) 26(3) 2022	Stochastic Modeling & applications (SMA)	0972-3641		01	Yes

7	Analytical solution to the non-linear partial differential equation for water infiltration in unsaturated soils by Laplace transform homotopy perturbation method (020008) 2435(1) 2022	AIP Conference Proceedings	Pro No-2435		01	Yes
8	Applications of Fractional Order Biological Population Model in Agriculture via Shehu Adomian Decomposition Method (01-13) 9(6) 2023	Journal of Research in Applied Mathematics	2394-0735		00	Yes

11. Papers presented/participated in Conferences, Seminars, Workshops, Symposia

Sr. No.	Title of the paper presented	Only Participation	Title of the Conference/ Seminar etc.	Duration	Level International/ National/State
1	Applications of Operation Research	-	State Level Workshop on Recent Advances in Mathematics, Nashik	28 Sep, 2012	State
2	Public transportation problems, policies and perspectives of sustainability.	-	State Level Conference on Recent Advances in Mathematics and its Applications 2014 at NMS College Satana, Nasik.	5-6 Feb, 2014.	State
3	Applications of Elzaki transform to system of linear differential Equations.	-	National Conference on Recent trends in Fractional Calculus at LVH College Nashik.	10-11 March, 2016.	National
4	Approximate Analytical Solution of Fractional Gas Dynamic Equation by Elzaki Transform Homotopy Perturbation Method.	-	International Conference on Pure and Applied Sciences, 2016 (ICPAS-2016) at MSG College Malegaon, Maharashtra,	12-14 Dec. 2016.	International
5	Analytical solution to the non-linear partial differential equation for water infiltration in unsaturated soils by Laplace transform homotopy perturbation method.	-	The 3rd International Conference on Frontiers in Industrial and Applied Mathematics (FIAM 2020), at NIT, Jamshedpur, India.	21-22 Dec 2020.	International
6	Analytical Solution of a Fractional Order Biological Population Model using Laplace Adomian Decomposition Method.	-	National Conference on Mathematical Analysis and Applications -2022, at Shivaji University, Kolhapur,	21-22 March, 2022.	National

Conferences Attended:

Sr.No.	Type of conference	Place	Date	Periods in Days
1	State Level	Nashik	9-10 Jan 2009	2
2	International	Surat	19-21 Dec 2011	3
3	International	Nashik	6-8 Feb 2012	3
4	State Level	Ozar (Mig)	22 Dec 2014	1
5	National	Ozar (Mig)	23-24 Dec 2014	2
6	National		22 Dec 2015	1
7	International	Malegaon	22 Dec 2016	2
8	International	Jamshedpur	21 Dec 2020	2
9	International	Aurangabad	23 Oct 2021	2

Grand Total: Mention Total Numbers

a. Paper Presentation: --- 06

b. Participation/Attended: -- 09

12. Guest Lectures/Talks:

Sr. No.	Title of Lecture/ Academic Session	Title of Program	Organized by	Whether international/ national level
1.	National Mathematics Day	Celebration of National Mathematics Day	National Senior College Nashik	District Level

13. Co-curricular, Extension, Professional development related Activities

Sr. No.	Name of Committee/ Type of Activity	Turns	Designation/ Coordinator or member	Exam	Remark
1.	CEO	2	Chairman	B.A./B.Com/B.Sc./M.A, Exam	
2.	CAP Co-Ordinator	2	Member	F.Y./B.A./B.Com/B.Sc.	Worked as a CAP Coordinator.
3.	Environmental Awareness	2	Chairman	S.Y./B.A./B.Com/ B.Sc. Exam	Worked as a Chairman
4.	Custodian	2	Member	F.Y./S.Y./T.Y.B.A. /B.Com./B.Sc.Nov 2011	As CEO in College
5.	Examiner	18	Member	F.Y.B.Sc. April 2012	Worked as a Examiner Start from year 1994
6.	Moderator	2	Member	S Y B Sc Maths Examination Sem-I Oct	Examining paper of S Y B Sc Maths Exam

Sr. No.	Name of Committee/ Type of Activity	Turns	Designation/ Coordinator or member	Exam	Remark
				2018	Sem-I Oct 2018
7.	Paper-Setter	1	Chairman	S Y B Sc Maths Examination Sem-I , June 2022	-
8.	Paper-Setter	6	Member	S Y B Sc Maths Practical Exam Sem-II March 2019	Setting Six papers for S Y B Sc Maths Practical August 2019
9.	Sr. Supervisor	15	Member	F.Y./S.Y./T.Y.B.A. /B.Com./B.Sc.Nov 2014	Work as Sr. Supervisor From Year 2004
10.	Vigilance Committee	1	Member	3/10/2018 to 17/10/2018	Worked as a member of scod committee in Nashik Region.

14. Other relevant information

1. Worked as member of the “Time-Table committee” & “Disciplinecommittee” in Deolali Camp college for the period 2004 to 2008.
2. Worked as Chairman of the “Wel come Committee” & “Purchase Committee” in Art’s Science and Commerce College Satana during theyear 2009 to 2011.
3. Worked as member of the “Discipline Committee” & “Science Association Committee” in S.V.K.T.College Deolali-camp from 2009-2010,
4. Worked as Chairman of “Science Association Committee” in Arts,Science & Commerce College ,Ozar from 2013-2014,
5. Worked as Member of “Sign Board Committee” and “College Development Committee” in Arts ,Science& Commerce College ,Ozarfrom 2013-2014.
6. Worked as a Academic Research Committee Co-ordinator in a College.
7. Worked as a Criteria Co-ordinator in IQAC.
8. Worked as Preceding Officer in different state elections.

15. Innovation & Contribution in Teaching, Designing of Curriculum

1. Design of Curriculum- Many times actively participated in designing of F.Y.B Sc., S.Y.B Sc. & T.Y.B.Sc. Syllabus.
2. Teaching Methods- Use of Mathematical Model, Teaching aids, chartsgraphs, PPT, etc.
3. Evaluation Methods – Feedback Mechanisms, Objective Test,Seminars, Tutorials, Home Work, Group Discussion etc.

4. Preparation – Reference Books, Science Journals, Reading Materials and Manuals etc.

16. Extension Work-

- 1) Secretary of Shivshakti Gramvikas Shikshan Sanstha, Taharabad, Nashik, which is working for Tribal students.
- 2) Member of LMC in Arts, Science & Commerce College, Ozar in 2012 to 2017.

17. Hobbies: - Social Work, Reading, Cricket.

(Dr. P. R. Bhadane)

Dept. of Mathematics