FacultyProfile

- **Name** :Dr.Pratiksha Ramu Demanna

- **Designation** :Assistant Professor

- **Department** :First Year B. Tech.

- **MobileNo** :8623050655

- **EmailId** :prd@amgoi.edu.in

➢ **Educational Qualification**:-

Sr. No	Degree	University	Class
1.	Ph.D.	Shivaji University Kolhapur	Awarded
2.	SET	Savitribai Phule Pune University, Pune	Qualified
4.	M.Sc.Mathematics	Shivaji University Kolhapur	First class with distinction
5.	**B.Sc.**Chemistry	Shivaji University Kolhapur	First class with distinction

➢ **Professionalexperience**:-Totalexperienceinyears:**16Years**

Teaching:-16years	Industrial:-Nil	Research:-8years

Sr. No.	Organization	Post	Period
1.	Shri.Balasaheb Mane Shikshan Prasarak Mandal Ambap's Ashokrao Mane Groupof Institutions,Vathar.	Assistant Professor	24/04/2023 to Till date
2.	Shivaji University Kolhapur	Research Fellow	18/01/2020 to 17/01/2023
3.	Shivaji University Kolhapur	DST PURSE Research Assistant	18/12/2018 to 17/11/2019
4.	Mahavir Mahavidyalaya Kolhapur	Assistant Professor	July 2018 to Dec. 2018
5	SIT Polytechnic Yadrav Ichalkaranji	Lecturer	May-2017 to Dec-2017

➢ **SubjectTaught**:-

Sr.No.			
1.	Basic Mathematics I	2.	Ordinary differential equations
3.	Advanced Discrete Mathenatics	4.	Graph Theory
5.	Discrete Mathematics Structures	6.	Field Theory
7.	Algebraic Number Theory	8.	Engineering Mathematics II
9.	Engineerging Mathematics III	10.	Mathematical Foundations

➢ **Research Area of Interest:-**Applied Mathematics

➢ **Paper Presented in National & International Journal & Conference:-**   03

➢ **NationalJournal:-**   02

➢ **InternationalJournal:-**   00

Sr. No.	Title	NameofJournal	Type* (NJ/IJ)	Details
1	Periodic Indefinite Sturm-Liouville Problems with one turning Point	1. Journal of Indian Mathematical Society	NJ	Volume:89, Issue:(1-2) , Year: 2022 Pages:182-197.
2	Periodic Sturm-Liouville Problem Involving Transmission Condition	International Journal of Research and Analytical Reviews	NJ	Volume:9, Issue:3, Year: 2022 Pages:159-169

➢ **Paper Presented inNational & International Conference:-03**

Sl.	Title	NameofConference&Institute	Type* (NC/IC)	Date
1	Periodic Indefinite Sturm-Liouville Problems With One Turning Point	National Seminar on Algebra-2020	NC	14th to 15th February 2020
2	Right Definite Discontinuous Sturm-Liouville Problems with Periodic Boundary Conditions	National Conference on Mathematical Analysis and Applications-2022	NC	21st to 22nd March 2022

3	Periodic Sturm-Liouville Problem with Transmission Condition	International Conference on Advances in Computer Sciences ICACS-2022	IC	20 to 21 May 2022

*NC-NationalConference   IC-InternationalConference

- ➢ **No.ofProjectGuidedatU.G.Level:- Nil   92**MiniProjects: Nil

- ➢ **Expert Lectures Delivered as a ResourcePerson:-03**

- ➢ **STTP/FDP/Workshops/Attended/Participated:-01**

S.N	Title	Organiser	Duration
1	**International Faculty Development program on Vedik Mathematics and applied sciences**	Woxen University Hyderabad	14th to 18th Oct. 2023

➢ **DepartmentalResponsibilities:-**

                              - NAAC Criteria II coordinator of F.Y.B.Tech.

                              - Aptitude Club Coordinator

                              - Parent Teacher Meet Coordinator of F. Y. B. Tech

                              - Feedback Coordinator of F. Y. B. Tech

                              - Guardian coordinator of F. Y. B. Tech

                              - Class Coordinator of Div E (2022-23 sem II),

                              - Guardian of B1 Batch(2022-23 sem II),

➢ **OtherExperience/ResponsibilitiesIfAny:-In Admission cell**

➢ **Social Contribution If Any:-**

➢ **Professional Membership If Any:-**Life member of Indian Mathematical Society (L/2020/11)