

Name MR.Pralhad S.Soman

Designation Associate Professor

Department First Year Engineering

Date of Joining the Institute 01/07/1997

Education M.SC. SET

Branch / Specialization Applied Mathematics

Areas of Interest Graph theory,Differential equations,Probability and statistics,Discrete Mathematics

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Academic Appointments

Name of the University / Institute/ Industry	Duration	Designation
Finolex Academy of Management and Technology, Ratnagiri	From 01/07/2011 till date	Associate Professor
Finolex Academy of Management and Technology, Ratnagiri	From 01/7/2008 to 30/6/2011	Lecturer Selection Grade
Finolex Academy of Management and Technology, Ratnagiri	From 1/7/2003 to 30/6/2008	Senior Lecturer
Finolex Academy of Management and Technology, Ratnagiri	From 01/07/1997 to 30/6/2003	Lecturer
R.P.Gogate Jogalekar college of arts,science and commerce,Ratnagiri	From Sept 1994 upto April 1997	Lecturer
Total Experience – 26 years 05 monyhs		

Papers Published

Papers Presented/Published in National / International Journals -

International Journals – 02

Paper titled “

To find characteristics of an individual by using Graph Theory

“ published in the International Journal of Advanced Research in Science and Engineering, **UGC Approved Journal**, Volume-6, Issue-9, **Sept 2017** (ISSN(O): 2319-8354) (Unpaid)with impact factor 2.83

Paper titled “

Scheduling of Local Transport using Normal Distribution

“ published in the International Journal of Science, Technology and Management, **UGC Approved Journal**, Volume-5, Issue-8, **Aug 2016** (ISSN: 2394-1537) (Unpaid)with impact factor 2.012

National Journals-- 01

Paper titled “

Unsteady elastic viscous fluid flow of second order type in a tube of hyperbolic cross section on the porous boundary

“ published in theAsian Journal of convergence in Technology , **UGC Approved Journal**, Volume-2, Issue-3, (ISSN(O): 2350-1146) (Unpaid)with impact factor 2.71

International Conference -- 04

Paper presented titled “

Use of Normal distributionto study high and low tides at sea shores Konkan region.

“th **International conference on Environment developmentand sustainability”** On 15 Dec 2018 organised by Athalye Sapre college ,Deorukh.

Paper presented titled “

Calculation of Chromatic index by Edge Matrix.

“th **International conference onAdvances in Science,Technology and Engineering”** On 20-21 Apr 2018 organised by A.P.Shah Institute of Technology,Thane.

Paper presented titled “

To find characteristics of an individual by using Graph Theory

“**International conference on recent innovations in Science,Engineering,Humanities and Management”** On 16 Sept 2017 organised by College of Polytechnic ,Aurangabad
With ISBN:978-93-86171-65-8

Paper presented titled "

Scheduling of Local transport with Normal Distribution

"4th International conference on recent trends in Engineering, Science and Management t" On 07 Aug 2016 organised by The International centre Goa, Panjim With ISBN:978-93-86171-01-6

National Conferences --02

Paper presented titled "

Unsteady elastic viscous fluid flow of second order type in a tube of hyperbolic cross section on the porous boundary

"Recent advances in Science and Technology" On 16-17 Feb 2016 organised by FAMT, Ratnagiri With ISBN:978-93-83046-31-7

Paper presented titled "

Use of measures of centrality in crowd, security, publicity management with reference to part of Ratnagiri city

"Recent advances in Science and Technology" On 16-17 Feb 2016 organised by FAMT, Ratnagiri With ISBN:978-93-83046-31-7

Number of Workshops, Seminars, STTPs, FDPs Attended – 04

Successfully Completed NPTEL AICTE Faculty Development Programme (8 week course) on Introduction to Abstract and Linear Algebra with Elite(Gold) Score of 94 % conducted by IIT Kharagpur, between Aug-Oct 2018

Successfully Completed NPTEL online Certification 8 week course(FDP) on Graph Theory with Elite Score of 87 % conducted by IIT, Madras between Aug-Oct 2017

Successfully completed NPTEL online certification 08 week course(FDP) on Introduction to Abstract Algebra conducted by IIT, Madras with ELITE Rank.

Successfully completed a Two week ISTE workshop on control systems conducted by IIT Kharagpur from 2 December 2014 to 12 December 2014.

Attended an orientation programme on Applied Mathematics – IV Rev 2012 syllabus at K.J.Somaiya college of Engineering, Vidyavihar on 30 Dec 2013.

Attended a one day workshop on Quality Education in Engineering and Technical Institution organized by FAMT ISTE Chapter on 24 Jan 2009.

Certification Course / Refresher Courses completed - 03

Successfully Completed NPTEL online Certification 8 week course on Introduction to Abstract and Linear Algebra with Elite(Gold) Score of 94 % conducted by IIT Kharagpur, between Aug-Oct 2018

Successfully Completed NPTEL online Certification 8 week course on Graph Theory with Elite Score of 87 % conducted by IIT, Madras between Aug-Oct 2017

Successfully completed NPTEL online certification 08 week course on Introduction to Abstract Algebra conducted by IIT, Madras with ELITE Rank.

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

Worked as Expert/Judge at State Level Power Point presentation competition in Mathematics Conducted by R.P.Gogate College, Ratnagiri on 06 October 2018

Worked as Expert/Judge at State Level Power Point presentation competition in Mathematics Conducted by R.P.Gogate College, Ratnagiri on 11 September 2015

Worked as a subject expert in Applied Mathematics at SSPM college of Engineering, Kankavli on 18 June 2014.

Professional Membership

1. Indian Society of Technical Education (I.S.T.E)
2. Life member of Mumbai University Mathematics Teachers Association

Other Experience

College Level Committees

1. Working as Head/ In Charge Examinations section ,FAMT since 12 Jan 2015.
2. Working as Head, Academic Planning Committee of the institute since 02 Oct 2015.
3. Worked in Admission counselling committee for the year 2015-16.
4. Worked as departmental organizing **committee member** in 2nd National Conference on **"Recent Advances in Science and Technology"** organized by FAMT on 17-18 Feb 2016

Subject Taught

Sr. No.	Name of the Subject	Year/Branch/Semester	Experience
1.	Applied/Engineering Mathematics -I	F.E.Sem-I	26 Years
2.	Applied/Engineering Mathematics -II	F.E.Sem-II	25 Years
3.	Applied/Engineering Mathematics -III	S.E.SemIII (ENTC/ELECT/ETRX)	24 Years
4.	Applied/Engineering Mathematics -IV	S.E.Sem-IV (ENTC/ELECT/ETRX)	23 Years
5.	Applied Mathematics -V	T.E.Sem-V (ELECT/ETRX /IT/Mech)	8 Years
6.	Random Signal Analysis	T.E.Sem-V (ENTC)	3 Years
7.	Numerical Techniques	S.E.Sem-IV (ELECT)	4 Years
8.	Discrete Mathematics	MCA SEM-I	3 Years
9.	Probability and Statistics	MCA SEM-II	3 Years
10.	Operations Research	MCA-SEM-III	3 Years

Summary

Patents	Granted	0
	Published	0
	Filed	0
Copyright	Granted	0
	Applied	0
International Journals	Unpaid	2
	Paid	0
National Journals	Unpaid	1
	Paid	0
Conferences	International	4
	National	2
Book / Book Chapter Publications	Book Published	0
	Book Chapter Published	0
Research Grant	Research Grant Received	0
Number of FDP's attended		3
Number of STTP's attended		1
Number of 2 Weeks Workshops attended		1

Number of 1 Week Workshops attended		0
Number of Seminars / Webinars attended		2
Number of Certification / Refresher Courses attended		3
Resource Person Contribution	Technical Talks / Seminars / Lectures, etc	2
	Outreach Programs / Social Programs / Extensions, etc	0