

CURRICULUM VITAE

Dr. Pratima S. Nagathan



Official Address: BLDEA's V. P. Dr. P. G. Halakatti College of Engineering and Technology, Vijayapur-586103, Karnataka, India, Mobile No: 7259318090, Office number: 08352-261120 FAX. 08352-262945.

Permanent Address: # 18, 'NIRMAAN', Akki colony, near Ganapati Temple, Ashram road, Vijayapur -585103.

Employment: Working as a Assistant Professor, Department of Science and Humanities, BLDEA's V. P. Dr. P. G. Halakatti College of Engineering and Technology, Vijayapur.

- Date of Birth : 08- 11- 1968.
- Educational Qualification : M.Sc., M.Phil., Ph.D
- Work Experience
 - Teaching : 20 years
 - Research : 11 years
 - Area of Specializations : Fluid Mechanics

- Subjects teaching : Engineering Mathematics, Graph Theory.

Research Publications:

No of papers published in International Journals : 06

Sl. NO	Title	Publication
1	Peristaltic transport of a Herschel-Bulkley fluid in non-uniform channel with wall effects.	International Journal of Science and Innovative Technology (IJESIT) Vol. 3(3) May 2014.
2	Influence of the wall properties on peristaltic transport of a couple stress fluid with slip effects in porous medium.	Procedia Engineering, Elsevier. Vol.127:862-868, 2015. doi: 10.1016/j.proeng.2015.11.423
3	Unsteady MHD peristaltic flow of a couple stress fluid through porous medium with wall and slip effects.	Alexandria Engineering Journal. Vol.55:2009-2105,2016. doi.org/10.1016/j.aej.2016.06.029
4	Transport of MHD couple stress fluid through peristalses in a porous medium under the influence of heat transfer and slip effects.	International Journal of Applied Mechanics and Engineering, Vol.22(2): 403-414,2017. doi: 10.1515/ijame-2017-0024
5	Influence of wall properties on the peristaltic flow of a Jeffrey fluid in a uniform porous channel under heat transfer.	International Journal of Research in Industrial Engineering, 6(3):246–261, Dec 2017. doi: 10.22105/riej.2017.98628.1014
6	Effects of slip on peristaltic motion of a Jeffrey fluid in porous medium with wall properties.	Advances in mathematical methods and high performance computing, Advances in Mechanics and Mathematics41,2018 https://doi.org/10.1007/978-3-030-02487-1_26 .

Conferences/Workshops attended:

SL No	TOPIC	Organized By	Duration (From-To)	Nature of training (STTP/FDP /etc)
1.	Applications of Mathematics in Engineering & Technology	AIT, Chikkamagalur, Karnataka.	1 st to 3 rd Oct, 2004	National Work shop
2.	National Women's Science Congress	Swadeshi Vijnana Andolan, Karnataka.	7 th to 9 th Nov,2008	Work shop
3.	Discrete Mathematics and its Applications in Science & Social Systems	Govinda Dasa college, Suratkal, Karnataka.	26 th to 28 th Feb,2009	National Conference.
4.	Women Empowerment & Personality Development (on the eve of International Women's Day)	ISTE, Women's Chapter, at BLDEA'S V. P. Dr. P G Halakatti , CET, Bijapur, Karnataka	4 th Mar, 2009	Seminar
5.	Advances in Numerical & Statistical Techniques for Engineers(ANSTE-2011)	National Institute of Technology, Calicut, Kerala.	30 th May - 3 rd June, 2011	FDP
6.	Latex and its Practical Approach.	BLDEA'S V. P. Dr. P G Halakatti, CET, Bijapur, Karnataka.	5 th -6 th May,2012	Work shop
7.	Computer Applications based on Modern Algebra	Manipal Institute of Technology, Manipal, Karnataka.	3 rd -5 th Jan,2013	National Work shop
8.	SHE-Sthree Holistic Empowerment (on the eve of International Women's Day)	ISTE, Women's Chapter, at BLDEA'S V. P. Dr. P G Halakatti, CET, Bijapur, Karnataka.	16 th Mar, 2013	Work shop
9.	Optimization of Mathematical Models & their Applications.	M. S. Ramaiah Institute of Technology, Bangalore, Karnataka.	1 st - 6 th July,2013	National Work shop

10.	Research Methodologies & Latex	VTU e-learning Centre, Mysore held at Ghousia college of Engg, Ramanagara, Karnataka.	27 th -29 th July,2013	Work shop
11.	‘SARVATOMUKHI’(on the eve of International Women’s Day)	ISTE, Women’s Chapter, at BLDEA’S V. P.Dr. P G Halakatti, CET, Bijapur, Karnataka.	26 th Mar, 2014	Work shop
12.	Wavelets & its Applications	BLDEA’S V. P.Dr. P G Halakatti, CET, Bijapur, Karnataka	9 th -13 th June,2014	FDP
13	“Mathematical &Computational Applications in Engineering	KLE Dr. M. S. Sheshgiri, CET Belagavi.	5 th -9 th January, 2015	FDP
14	ICCHMT	NIT Warangal	30 th Nov to 2 nd Dec, 2015	International Conference,
15	Trends in Research and Publications,	BLDEA’s VP Dr. P.G. Halakatti CET, Vijayapur.	12 th to 13 th April, 2016.	Workshop
16	Research Literacy and Trends in Scholarly communications’	BLDEA’s VP Dr. P.G. Halakatti CET, Vijayapur.	23 rd Jan to 28 th Jan,2017	Workshop
17	Usage of ICT tools	BLDEA’s VP Dr. P.G. Halakatti CET, Vijayapur.	29 th Jan to 3 rd Feb, 2018	FDP
18.	Capacity building workshop on writing papers in journals of repute ‘DIKSOOCHI’	BLDEA’s A. S. Patil college of commerce (Autonomous) Dept of Management, Vijayapur.	27 th to 28 th Oct,2018,	Workshop
19.	Balance for Better	BLDEA’s VP Dr. P.G. Halakatti CET, Vijayapur.	22 nd March, 2019	Workshop
20	Pedagogy for higher education	BLDEA’s VP Dr. P.G. Halakatti CET, Vijayapur.	22 nd to 26 th July, 2019	FDP

21	Scientific and technical writing tools	Sanjay Ghodawat University	6 th to 11 th Jan, 2020	FDP

Online Webinars 2020

Sl. No	TOPIC	Organized By	Duration (From-To)	Nature of training (STTP/FDP/e tc)
1	Mathematical and Statistical Modelling	Godavari institute of engineering and technology, Rajahmundry, Andhra Pradesh	26 th to 30 th May, 2020	Online FDP
2	Research Methodology	KLE College of Engineering and Technology, Chikodi	29 th May, 2020	Online Quiz
3	Effective utilization for research publication through Knimbus digital library	BLDEA's VP Dr. P.G. Halakatti CET, Vijayapur.	1 st June, 2020	Knimbus online training
4	Skilling Teachers for online education	UKA Tarsadia university	2 nd to 6 th June, 2020	Online FDP
5	Online tools for teaching – learning and assessment: A galaxy of multidimensional approach	S S M College Pharmacy and Research centre, Vijayapur	6 th June, 2020	Webinar
6	Authoring papers to IEEE certificate of participation	BLDEA's VP Dr. P.G. Halakatti CET, Vijayapur.	11 th June, 2020	Webinar
7	Math e-Quiz	KLE College of Engineering and Technology, Chikodi	14 th June, 2020	Quiz
8	Applications of mathematics in science and technology	Government Engineering college Haveri	15 th June, 2020	Webinar

9	Basic author workshop research article writing and reference management using Mendley.	Annamalai University	22 nd June,2020	Webinar
10	Advances in mathematics	Tata institute of social sciences, Tulajapur	22 nd to 27 th June,2020	Webinar
11	Fascinating world of mathematics and its applications to blood flows	Parvathaneni Brahmayya Siddhartha college of Arts and Science, Vijayawada.	27 th June, 2020	National webinar
12	Mathematics: Fear,Friend and Challenge!	Indira Gandhi national tribal university, Amarkantak, madhy Pradesh	30 th June, 2020	National webinar
13	GeoGebra an effective tool for Mathematics teaching	Loyola college, Manvi	3 rd July	National webinar
14	Mathematical aspects of Fluid dynamics	Saradar Vallabhbbhai Patel institute of Technology, Vasad	6 th to 11 th July,2020	National level FDP
15	Applications of mathematical sciences	K. D. K College of engineering , Nagpur	13 th to 18 th July, 2020	Short term training program
16	Mathematics and its applications	Bapuji institute of engineering and Technology, Davanagere	20 th to 22 nd Jult,2020	National webinar series
17.	COVID-19 outbreak and beyond: Mental health and wellbeing of students.	Karnataka State Akkamahadevi Women's University, Vijayapur.	14 th Aug,2020	Webinar