

NAME: Dr. N.G. SIDDAGANGAMMA

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Education

	Degree	Year	Institute	Specialization
1	UG	1996	Sree Siddaganga college of Arts, Science and Commerce for Women, Tumakuru. Bangalore University	B. Sc. Physics, Chemistry, Mathematics
		1997	Sree Siddaganga College of Education , Tumakuru, Bangalore University.	B. Ed. Physics , Mathematics
2	PG	1999	P. G. Centre, Tumakuru, Bangalore University	M. Sc. Mathematics
3	Ph.D	2009	Bangalore University	Bio fluid mechanics

Professional Experience

	Date (from-to)	Designation	Organization
1	22.03.2010 to Till date	Assistant Professor	Siddaganga Institute of Technology, Tumakuru
2	22.03.2006 to 22.03.2010	Senior Lecturer	
3	10.10.2001 to 22.03.2006	Lecturer	

(Please fill in reverse order. Current designation should be at the top)

Positions held

(Please give details of any administrative posts, co Ordinator roles/ responsibilities held)

Affiliations of Professional organizations

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Awards and Honors

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Courses Taught

Undergraduate Courses

- Engineering Mathematics - I
- Engineering Mathematics – II
- Engineering Mathematics – III
- Engineering Mathematics – IV
- Mathematical Concepts for information Technology.
- Advanced Mathematics – I
- Advanced Mathematics – II
- Foundations of Engineering Mathematics
- Computational Methods for Electrical Science
- Statistics and Probability Theory
- Discrete Mathematical Structure
- Graph Theory

Postgraduate Courses

- Discrete Mathematical Structure (MCA)
- Applied Mathematics
- Linear Algebra (OE)
- Mathematical Modelling (OE)
- Advanced Mathematics(VLSI-IT-M.Tech)
- Digital Communication Engg. (M.Tech-Telecom)

Research Guidance

Sl. no	Name of the Scholar	Title	Year of completion

Research Areas

- Bio Fluid Mechanics
- Mathematical Modeling

Sponsored Projects

Ongoing Projects:

- Title:
Funding Agency:
Amount:
Duration:
Role:
- Title:
Funding Agency:
Amount:
Duration:
Role:

Completed Projects:

- Title:
Funding Agency:
Amount:
Duration:
Role:
- Title:
Funding Agency:
Amount:
Duration:
Role:

Publications

Journals

- Siddagangamma N.G., “ *Unsteady flow of dusty fluid through circular pipe: A Study*”, Internal Education & Research Journal, Vol.5, 38-42, Aug.2019.

Conference Proceedings

- Ranganatha T. R., and Siddagangamma N.G., “*Mathematical Modeling of Blood Flow in a Deformable Artery*”, Proc. of 30th National Conf. on Fluid Mechanics and Fluid Power, NITK, Surathkal, (2003).
- Ranganatha T. R., and Siddagangamma N.G., *Flow of Newtonian fluid through a channel with deformable porous walls*, Proc. Of National conference on advances in fluid mechanics, Gulbarga, 49-57, 2004.
- “Effect of parabolic boundary conditions on a flow of dusty fluid through a circular pipe”, International conference on ‘Recent trends and technology of Mathematics and Science’, QIVCRTTMS 2020, 7th & 8th October 2020.
- “Dispersion of Tracer particles in a channel bounded by porous media using residual shear slip condition”. 27th International conference of International Academy of Physical Science (CONIAPS XXVII) on “Fluid Mechanics and its Industrial Applications”, organized by Dept. of P.G. Studies and Research in Mathematics, Kuvempu University and International Academy of Physical Sciences, Oct 26-28, 2021.

Editor/ Reviewer of Journal

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Patents

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Invited Lectures, talks and workshops

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