



SAPTHAGIRI COLLEGE OF ENGINEERING

#14/5, Chikkasandra, Hesaraghatta Main Road, Bangalore-560057, Karnataka, India

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

FACULTY PROFILE

Name of the faculty	Dr. Jyothi Prasad Gorantla
Designation	Assistant Professor
Contact Number	9008510968
Email ID	jyothiprasadgorantla@sapthagiri.edu.in



Educational Qualification

Degree	Specialization	University	Year of Passing
PhD	Mathematics (Fluid Mechanics)	Bangalore University	2019
M.Sc	Mathematics	Central College	2001
B.Sc	Physics, Chemistry, Mathematics	Maharani's Science college	1999

Work Experience

Teaching	Research	Industry
11	5	nil

Publications

National/International Journals	National/International Conferences	Books Authored/Edited
International - 2	Nil	Nil

Area of Interest

Boundary Layer Theory	
Heat Transfer Analysis	
Numerical Analysis	
Asymptotic Analysis	

Subject Taught

B.Sc – Mathematics – I	BCA – Mathematics – Discrete Mathematics	
B.Sc – Mathematics – II	BCA – Mathematics – Numerical Methods.	
B.Sc – Mathematics – III	BBM – Mathematics	
B.Sc – Mathematics – IV	Engineering Mathematics	
B.Sc – Mathematics – V		
B.Sc – Mathematics – VI		

In House Experience

Sl.No	Designation	Period	
		From	To
1	Assistant Professor	30/11/2022	

Outside Experience

Sl. No	Place of Work	Designation	Period	
			From	To
1.	Garden City College, Bangalore	Lecturer	August 2001	April 2002
2.	Adarsha College, Bangalore	Lecturer	April 2002	July 2005
3.	Surana College, Bangalore	Lecturer	June 2009	March 2010
4.	Brindavan Degree College, Bangalore	Lecturer	June 2011	June 2015
5.	St. Claret College	Assistant Professor	Jan 2020	Sept 2021

Membership in Professional Bodies/University Bodies/Organization

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Publications National/International Journals

Journal Publications

Sl. No	Title of the Paper	Name of the Journal	Name of the Publisher	ISSN	Impact Factor of the Journal
1.	Two-dimensional boundary layer flow and heat transfer over a wedge: numerical and asymptotic solutions	Thermal Science and Engineering Progress	ELSEVIER	https://doi.org/10.1016/j.tsep.2019.03.006 (Volume 11, June 2019, pages 66-73)	4.36 impact fact
2.	Computational and asymptotic methods for three-dimensional boundary layer flow and heat transfer over a wedge	Engineering with Computers	SPRINGER	https://doi.org/10.1007/s00366-019-00776-3 (Volume 36, pages 1467-1483, 2020)	7.3 impact factor

Faculty Development Programme Participated

1	Introduction to virtualization using VM ware and Robotic Process Automation using UiPath	St Claret College	International	5 th and 6 th June 2020
2	Communication Skills and Use of ICT Tools for Effective Teaching, Learning and Evaluation	Government First Grade College and PG centre, Dharwad.	National	22 nd – 28 th June 2020
3	Research and current trends in Mathematics	Pillai college of Engineering	National	26 th to 31 st December 2020
4	Advanced Fluid Mechanics	Indian Institute of Technology Kharagpur.	National	Sep – Dec 2020
5	Analysis of data in MATLAB software	Rest Society for Research International	International	04 th – 9 th January 2021

Workshop Attended

Research Methodology and Data Analysis using SPSS	St Claret College	College Level	11 th - 18 th May, 2020
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