




DAYANANDA SAGAR ACADEMY OF TECHNOLOGY AND MANAGEMENT

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi)

Opp. Art of Living, Udayapura, Kanakapura Road, Bangalore- 560082

DEPARTMENT OF MATHEMATICS

Accredited NBA, NAAC with A+, New Delhi

Faculty Name	Dr SHILPA P	
Academic Designation	Assistant Professor	
Educational Qualification	Ph.D	
Experience in Years	18 Years	
Area of Interest	Fluid Mechanics, Numerical Analysis	
Date of Birth	10-06-1979	
Email ID	Shilpap80@gmail.com Shilpa-maths@dsatm.edu.in	

Educational Details

- Ph.D (Fluid Mechanics)
- M.phil (Mathematics)
- M.Sc. (Mathematics)
- B.Sc. (PMC)

Personal Details

- Date of Birth: 10/06/1979
- Hobbies: Reading Books
- Languages Known: Kannada, English, Hindi

Professional Experience

- Worked as a Lecturer in the Department of Mathematics at **East Point Engineering College**, Bangalore from Aug.2004 to Jan 2005 (**1 Semester**).
- Worked as a Lecturer in the Department of Mathematics at **H.M.S Institute of Technology**, Tumkur from Feb.2005 to July 2006 (**1 year 6 months**).
- Worked as an Assistant Professor in the Department of Mathematics at **R.L.Jalappa Institute of Technology**, Doddaballapur from Aug.2006 to July 2013 (**7 years**).
- In Addition to performing Research, taken classes to students of all branches of **University of Visvesvaraya College of Engineering (UVCE)**. Also for M.Sc., students (Soft core Paper and M.Sc., Lab) at Central college, **Bangalore University**, Bangalore from October 2013 to July 2017 (**3 years 9 months**).

- Worked as an Assistant Professor in the Department of Mathematics at **BMS College of Engineering**, Bangalore from Aug.2017 to Dec. 2017 (**1 Semester**).
- Worked as Assistant Professor in the department of Mathematics at **VVS First Grade College**, Bangalore July 2018 – July 2019 (**1 year**).
- Working as Assistant Professor in the Department of Mathematics in **DSATM**, Bangalore from Aug. 2019 to till date.

Publications

International Journals:

- Ramesh B Kudenatti, Shilpa P, “**Similarity solutions of the unsteady boundary-layer flow past a permeable wedge embedded in a porous medium**”, *Journal of Porous Media*, **SCOPUS indexed journal**, 2019.
- Shilpa P, “**Exact solution of an Unsteady Boundary-Layer Flow Past a Wedge considering the Magnetic Field Effects**”, *International Journal of Scientific and Engineering Research* , Vol 9(3), 840-846, 2018.

International Conferences: Paper Published

- N Rudraiah, G Ranganna, Shilpa P “**Effects of transverse electric field and heterogeneity of a poorly electrically conducting fluid saturated Nano porous zeolites acquiring smart material properties**”, *International conference on the frontiers of plasma physics and technology*, 2013

Conferences: Papers Presented

National Conference

- National conference on New Trends in Applied Mathematics(NCNTAM) organized by Department of Mathematics University Institute of Engineering & Technology(U.I.E.T), Chatrapati Shahu Ji Maharaj University Kanpur on October 11 to 12, 2021.
- National conference on “Emerging Trends in Applied Mathematics” organized by SJB Institute of Technology, Bangalore on May 9, 2018.
- UGC Sponsored two days National conference on “Recent Advances in Mathematical Sciences-2017” (RAIMS-2017) organized by Govt. Science College (Autonomous) on Feb.9 and 10, 2017.
- National conference on “Recent developments in Mathematical Analysis and its Applications” organized by department of Mathematics Pondicherry University (A Central university) Puducherry from Feb. 25 to 26, 2016.

International Conference

- International conference on “Mathematical Modeling” (ICMM-2016) organized by Don Bosco institute of Technology, Kumbalgodu, Mysore Road Bangalore from Dec. 23 to 24, 2016.

Conference Attended

- National Symposium on Mathematics and its applications (NSMA-2019) organized by Department of Mathematics in Association with Department of Mathematics, Bengaluru Central/North University, Bangalore on April 27, 2019.
- Two weeks International Workshop on Computational Fluid Dynamics conducted by Department of Mathematics, BMS College of Engineering, Bangalore from 23rd June to 05th July 2014.
- Five days short term programme on Advanced Computational Mechanics conducted by Department of Applied Mathematics, Defence institute of Advanced Technology (Deemed University) Pune from 14th to 18th July 2014.
- Two days Science Academies Lecture Workshop on Mathematical Modelling using Differential Equations held at Department of Mathematics, Maharani Science College for Women, in Association with Central College Mathematical Society Bangalore University from 6th to 7th March 2014.
- One day International Symposium on Advances in Applied Mathematics conducted by the P. G. Department of Mathematics and Research Centre in Applied Mathematics, M. E. S. College of Arts, Commerce and Science, Bangalore on 18th January 2014.

Seminar Attended

- Two days National level Webinar on “Advances in Mathematical Sciences and its Applications in Engineering and Research” (AMSAER) organized by Department of Mathematics, BIET, Davanagere on 11th & 12th of August 2021.
- National webinar on Fluid Mechanics and its applications in Engineering Science organized by Department of Mathematics, PES Institute of Technology and Management, Shivamogga, Karnataka from 24th to 27th 2020.
- UGC Sponsored two days National Seminar on “Recent Advances in Mathematics and its Applications” organized by JSS College of Arts, Commerce and Science, Ooty road, Mysuru from Feb.18 to 19, 2016.

Workshop Attended

- Worked as a Coordinator for webinar National Mathematics Day on “*Srinivasa Ramanujan: Life and Achievements of a Genius*” conducted by Dept. of Mathematics, DSATM, Bangalore on 22-12-2021.
- Worked as a Coordinator for webinar National Mathematics Day on “*Srinivasa Ramanujan: Life and Legacy*” conducted by Dept. of Mathematics, DSATM, Bangalore on 22-12-2020.

Patents published with All Details

Research Grants fetched with File No.

Student Project Funds Fetched with Grant No.

Consultancy Amount Fetched with Details

Awards

- Achieved 100% result in the subject Engineering Mathematics-II in RLJIT, Doddaballapur.

Academic Activity

- First year IA Marks Entry Module Coordinator.
- NAAC coordinator (Criteria -1).
- Worked Coordinator for Indian National Olympiad (INO) at VVS First Grade College, Bangalore.
- Worked Coordinator for Indian NSS at VVS First Grade College, Bangalore.
- Worked Coordinator for Indian Red Cross at VVS First Grade College, Bangalore.
- Worked as Test Coordinator in RLJIT, Doddaballapur

Faculty Development Activity/Workshops

- Five Day Faculty Development Program (Virtual) on Recent Trends in Fluid Dynamics” conducted by Sapthagiri college of Engineering in association with CMIT, Bengaluru from 17th to 21st November 2020.
- Five days online Faculty development Programme on “Advances in Materials and Characterization Techniques-AMCT-2020 organized by department of Physics, DSATM, Bangalore from 2nd to 06th Nov., 2020.

- Five days Faculty development Program(Virtual) on “Recent Trends in Fluid Dynamics” organized by Sapthagiri College of Engineering” in association with CMIT, Bengaluru from 17th to 21th Nov., 2020.
- Five days online Faculty development Programme on “Recent Trends in Engineering materials, Nano Science and Nano Technology” organized by Department of Science and Humanities held from 9th to 13th Nov., 2020.
- National Symposium on Mathematics and its Applications(NSMA-2019) organized by Department of Mathematics Bengaluru Central/ North University, Bangalore on April 27, 2019.
- Five days Short Term Training Programme on “Advanced Computational Mechanics” conducted by department of Applied Mathematics, Defence Institute of Advanced Technology(deemed University), Pune from 14th July to 18th July 2014.
- Two weeks International workshop on “Computational Fluid Dynamics” conducted by Department of Mathematics, BMS college of Engineering, Bangalore from 23rd June to 05th July 2014.
- Two days Science Academies Lecture workshops on “Mathematical Modeling using Differential equations” held at Department of Mathematics, Maharani Science College for women in association with Central College Mathematical Society, Bangalore University from 6th March to 7th March 2014.
- One day International Symposium on “Advances in Applied Mathematics” conducted by the P.G. Department of Mathematics and Research Center in Applied Mathematics M.E.S College of Arts, Commerce and Science, Bangalore on 18th Jan. 2014.
- One day Conference on “Differential Geometry” conducted by Department of Mathematics, Central College, Bangalore University, Bangalore on 25th July 2013.
- Faculty Development Program on “*Recent Trends in Mathematics*” conducted by Dept. of Mathematics, RLJIT, Doddaballapur on Sept. 2nd 2010.

Contact Details

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