



Kammavari Sangham (R) 1952, K. S. Group of Institutions
K. S. SCHOOL OF ENGINEERING & MANAGEMENT

No.15, Mallasandra, off. Kanakapura Road, Bengaluru-560109
Affiliated to VTU, Belagavi & Approved by AICTE, New Delhi, **Accredited by NAAC**

Faculty Name	PAVITHRA J
Designation	Assistant Professor
DOB	29-03-1985
DOJ	23-07-2015
Educational Qualification	M.Sc., B.Ed., K-SET (Ph.D.)



Experience in Years	Experience in KSSEM :8 years Experience in Teaching : 15 years Experience in Industry : NIL Total Experience :15 years
Subject Handled	Engineering Physics Theory, Engineering Physics Lab
Subject Handling	Applied Physics for CSE Stream, Applied Physics for ME Stream Scientific Foundation of Health
Areas of Interest	Nuclear and Particle Physics, Nanofluids, Fluid Dynamics

Educational Details

Examination/ Degree	College / University	Year of Passing
UG	Rural Degree College, Bangalore University	2006
PG	Jnana Bharathi Campus, Bangalore University	2008
K-SET	Mysore University	Qualified in 2016
Ph.D.	Pursuing

Publications

Research Publications:

Pavithra, M.S.Uma, S.N.Sridhara, "Computational Fluid Dynamics Analysis of Heat Transfer and Fluid Flow in Mixing Elbow", Proceedings of the National Conference on Advancement & Modern Innovations in Engineering and Technology, ISBN:978-93-5407-803-3.

Conference Papers :

1. Presented a research paper entitled "Computational Fluid Dynamics Analysis of Heat Transfer and Fluid Flow in Mixing Elbow" at the National Conference Advancements & Modern Innovations in Engineering and Technology on 15th September, 2020 organized by Amity School of Engineering and Technology at Amity University Haryana.
2. Presented oral presentation on "The mixing Fluid Flow and Heat Transfer in an Elbow Configuration", International Conference on Innovations and Challenges in Science and Technology (ICICST-2018), 24th to 26th May 2018, Don Bosco Institute of Technology, Bangalore, Karnataka.

Awards

- Qualified the **Karnataka State Eligibility Test (KSET)** for Assistant Professorship.
- Teacher of Excellence Award for 100% Result-August 2017.
- Received **Best Paper Award** for the Paper Titled “Computational Fluid Dynamics Analysis of Heat Transfer and Fluid Flow in Mixing Elbow” at the National Conference Advancements & Modern Innovations in Engineering and Technology on 15th September, 2020 organized by Amity School of Engineering and Technology at Amity University Haryana.

Other Accomplishment

Workshops/Seminars

1. Participated in three days online National level seminar on Quantum Mechanics and Its importance from 27th to 29th October 2020 organized by R.R. Institute of Technology.
2. One-day workshop on “Introduction to R and Data Science” on 8th February, 2020 organized by K. S. School of Engineering and Management in association with BITES.
3. One-week workshop on “**Research Methodology**” from 26th Feb to 3rd March 2018 organized by VTU-HRDC, Centre for PG Studies, Muddenahalli, Chikkaballapur Dist.
4. Participated in Modular Training Programme in “**ICEMCFD and Fluent**” at Ramaiah University of Applied Science, Bangalore on July 2018.
5. New Model Curriculum for First Year BE-CBCS Detailed Syllabus (2018-19) as per Outcome- Based Education (OBE) format including Course Outcomes (CO) and Bloom’s Taxonomy under TEQUIP-1.3 for the course Engineering Physics under Basic Science Board held on 07-05-2018 at BIT, Bengaluru organized by VTU, Belagavi.
6. Participated in the FDP on Recent Advances in Engineering Physics organized by

the Dept. of Physics, R.V. College of Engineering, Bengaluru from 27th February to 4th March 2017.

7. Attended workshop on Intellectual property rights significance for academia addressed on 31st July 2015.
8. Participated in 3-Day Lecture Workshop on “Nano Technologies” and Nano Mela 2010 conducted from April 28-30,2010 at DBIT, Bangalore.

Professional Membership

1. Asia Society of Researcher -R219093381
2. Association of Academic Plus Corporate- FRT JQC-CE001300

Contact Details

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