

Name : P. Kousalya
Designation : Assistant Professor
Department : Mathematics
Qualification : M. Sc., M. Phil.

Experience:

Teaching: 3Years Industry: Nil Research: Nil

Area of Specialization(s) : Computational Fluid Dynamics

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Academic Qualifications

Degree	Branch	Institution / University Name	Year of Graduation
M. Phil.	Mathematics	Bharathiar University, Coimbatore	2015
M. Sc.	Mathematics	Dr. N.G.P. Arts and Science College, Coimbatore	2014
B. Sc.	Mathematics	Dr. N.G.P. Arts and Science College, Coimbatore	2012

Additional Qualifications

Diploma / Vocational / Certification	Area of Specialization	Institution / University / Agency Name	Year
NPTEL	Introduction to R software	IIT, Kanpur	2018

Research Publications (Indexed)

International

- 1) P. Kousalya, P. Malarvizhi, **A New Technique for Finding Initial Basic Feasible Solution to Transportation Problem**, International Journal of Engineering and Management Research, Volume 6, Issue 3, May – June 2016, Pp: 26 – 32, ISSN (ONLINE): 2250 - 0758

National

- 1) P. Kousalya, P. Malarvizhi, **A Novel Procedure for Finding Initial Basic Feasible Solution to Vogel's Approximation Method**, Indian Journal of Applied Research, Volume 6, Issue 6, June 2016, ISSN- 2249 – 555X, IF: 3.919, IC VALUE: 74.50.

Presentations in Conference

International

- 1) **Natural Convection Heat Transfer of Alumina–Water Nanofluid in Vertical Square Enclosures**, International Conference on Fuzzy Queueing Theory and its Applications, Bharathidasan College of Arts and Science , 3-Sep-16.
- 2) **Numerical Study of Mixed Convection Porous Cavity with Mid Horizontal Moving Wall in Presence of Nanofluid**, International Conference on Mathematical Modeling, Analysis and Computing–MMAC–2018, Vellore, 13 to 14-Dec-18.

National

- 1) **Natural Convection Flows in a Square Cavity with Linearly Heated Side Walls**, National Level Seminar on Recent Trends in the Applications of Mathematics and Statistics, Maharaja Co-Education Arts and Science College, 23-Sep-16.
- 2) **Splitting Planar Graphs of Girth 6 into 2 Linear Forests with Short Parts**, National Level Conference on Optimization Techniques and its Applications sponsored by Tamil Nadu State Council for Science and Technology, Bharathidasan College of Arts and Science, 17 to 18-Aug-17.

Participation in Conference

- 1) **Recent Advances in Mathematics and its Applications in Science and Engineering**, Dr. N.G.P. Institute of Technology, Coimbatore, 3-Feb-17.

Participation in Seminars

- 1) **International Symposium on Neoteric Notion in Algebra**, Nandha Arts and Science College, 21-Sep-16.
- 2) **National Seminar on Applications of Mathematics**, PSG College of Arts and Science, 5-Oct-17.

Participation in Workshop

- 1) **Recent Trends in Graph Theory**, Navarasam Arts and Science College for Women, 4-Aug-16.

Participation in Faculty Development Programme

- 1) **R Programming**, PSGR Krishnammal College for Women, 16- Feb-18.

- 2) **Project Genesis**, Infosys campus, Chennai, 1 to 9-Aug-18.
- 3) **Quality Measures in Higher Education**, Dr. N.G.P. Arts and Science College, Coimbatore, 3-Dec-18 to 9-Dec-18.