

Name: Dr. N. Kousalya	Photo 			
Designation:	Assistant Professor			
Qualification:	M.Sc., Ph.D., PDF for Women			
Area of specialization:	Numerical Analysis			
Experience:	Industrial Experience		Teaching Experience	
	NIL		1 Year & 4 months	
Number of workshops / FDP attended:	Number of Workshops		Number of FDPs	
	-		8	
Publications:	Conference		Journal	
	National	International	National	International
	-	1	-	4
Books / Book Chapters	-			
Patents:	National		International	
	-		-	
Professional Body Membership	IEEE Member			
Staff Achievements	Produced Centum Results in Mathematics II			

Educational Qualifications:

Category	Name of the Degree	Specialization	Year of Passing	Name of the College	Name of the University	% of Marks / Grades obtained	Class obtained
UG	B.Sc	Mathematics	2010	Dr. M.G.R Janaki College	University of Madras	74%	First Class
PG	M.Sc	Mathematics	2012	Stella Maris College	University of Madras	66%	First Class
	Ph.D.	Numerical Analysis	2019	CEG, Anna University	Anna University		
PDF for Women		Numerical Analysis	2021	IIT Madras	IIT Madras		

Academic Experience:

Name of the College	Designation	Joining Date	Relieving Date	Experience		
				Years	Months	Days
Sri Sairam Engineering College	Assistant Professor	18.08.2023	Till Date	1	4	

Workshops/Seminars attended: Nil

FDP/STTP Attended:

1. Accreditation and Outcome Based Learning NPTEL-AICTE Faculty Development programme during Aug- Oct 2023.
2. Ethics in Engineering Practice NPTEL-AICTE Faculty Development programme during Feb- April 2024.
3. Teaching And Learning in Engineering (TALE) NPTEL-AICTE Faculty Development programme Jan-Feb 2024
4. FDP on “Empowering Educators: Strategies for holistic teaching and professional growth”, Sri Malolan College of Arts and Science, India, December 18-22,2023.
5. FDP on “Exploring Real-world Applications in Mathematics”, Vels Institute of Science, Technology and Advanced studies, April 22-26, 2024.
6. FDP on “Mathematical Foundation for AI, ML & Data Science, SRM Institute of Science and Technology, June 11-19, 2024.
7. PDP on “Effective Teaching of Mathematical Applications in Engineering” NITTTR, December 26-30, 2023.
8. PDP on “Applications of Transform Techniques in Engineering Mathematics” NITTTR, March 11-15, 2024.

Symposium Attended: Nil

Conference Attended:

Paper Presented: “A Finite Pointset Method for Solving Fourth Order Boundary-Value Problems with and without using Splitting Technique” in the International Conference on Advances in Scientific Computing held at IIT Madras in 2016.

Completed / Ongoing Projects: Nil

Patent: Nil

Journal Publications:

- L. Jones Tarcus Doss, **N.Kousalya** and S. Sundar, A Finite Pointset Method for Biharmonic Equation Based on Mixed Formulation, International Journal of Computational methods, vol.15, No. 07, pp.1850068, World Scientific, 2018, **Impact Factor:** 1.716
- L. Jones Tarcus Doss, **N.Kousalya**, Finite Pointset Method for biharmonic equations, Computer & Mathematics with Applications, Vol. 75, no.10, pp. 3756-3785, Elsevier, 2018, **Impact Factor:** 3.370
- L. Jones Tarcus Doss, **N.Kousalya**, A Finite Pointset Method for Extended Fisher-Kolmogorov Equation Based on Mixed Formulation, International Journal of Computational methods, vol.18, No. 01, pp.2050019, World Scientific, 2021, **Impact Factor:** 1.716
- L. Jones Tarcus Doss, **N.Kousalya**, A Finite Pointset Method for Kuramoto- Sivashinsky Equation Based on Mixed Formulation, Mathematical methods in the Applied Sciences, Wiley, 2024, **Impact Factor:** 2.1.

Books / Book Chapters: Nil

Awards: Nil

Startup: Nil

Webinar: Nil

Resource Person: Nil

Online Courses:

1. Online course on Module - II - Professional Ethics and Sustainability conducted by NITTTR.
2. Online course on Module-IV - Instructional Planning and Delivery by NITTTR.
3. Online course on Module - V - Technology Enabled Learning and Life-Long Self Learning conducted by NITTTR.
4. Online course on Module - VII - Creative problem Solving,innovation and Meaningful R&D conducted by NITTTR.
5. Accreditation and Outcome Based Learning Aug-Oct 2023 (8 weeks course) (NPTEL Online Certification course funded by the Ministry of HRD, Government of India)
6. Teaching And Learning in Engineering (TALE) Jan-Feb 2024 (4 weeks course) (NPTEL Online Certification course funded by the Ministry of HRD, Government of India)
7. Ethics in Engineering Practice Feb- April 2024 (8 weeks course) (NPTEL Online Certification course funded by the Ministry of HRD, Government of India)
8. Technical Communication for Engineers Jul-Aug 2024 (4 week course) (NPTEL Online Certification course funded by the Ministry of HRD, Government of India)
9. Development Research Methods Jul-Aug 2024 (8 week course) (NPTEL Online Certification course funded by the Ministry of HRD, Government of India)