

**Sri Sai Ram Engineering College**  
**Department Of Humanities And Sciences**

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| <i>Name : Dr. N. Kousalya</i>                       |  |
| <i>Designation :</i>                                | <i>Assistant Professor</i>   |
| <i>Qualification :</i>                              | <i>Ph.D</i>  |
| <i>Area of Specialization :</i>                     | <i>Numerical Analysis</i>  |
| <i>Experience :</i>                                 | <i>Teaching : UG : 4 month 19 days</i><br><i>PG : yrs</i>                          |
|   | <i>Industry :</i>  |
| <i>No. of Workshop / Conferences / FDP attended</i> | <i>Workshop – / Conferences – 1 / FDP - 1</i>                                      |
| <i>Publications :</i>                               | <i>Journals</i><br><i>National : 3</i><br><i>International : 3</i>                 |
|   | <i>Conferences</i><br><i>National : 1</i><br><i>International : 1</i>              |
| <i>Research Guidance :</i>                          |  |
| <i>General :</i>                                    |  |
| <i>Staff Achievements:</i>                          |  |

## Educational Qualification:

| 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      |            | 4      | 19   |
|                                |                     |              |                |            |        |      |
| <i>Total</i>                   |                     |              |                |            | 4      | 19   |

## PUBLICATIONS

### Journals:

- 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*

**Scopus.**

**Conferences/Seminars/Webinars:**

**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*

**Workshops:**

**FDP:**

- 1. Online FDP on “EMPOWERING EDUCATORS STRATEGIES FOR HOLISTIC TEACHING AND PROFESSIONAL GROWTH” held from 18-12-2023 to 22-12-2023 organized by IQAC at SRI MALOLAN COLLEGE OF ARTS AND SCIENCE.**
- 2. Online PDP on “EFFECTIVE TEACHING OF MATHEMATICAL APPLICATIONS IN ENGINEERING” held from 26/12/2023 to 30/12/2023 organized by NITTTR, Chennai.**