


**Sri Sai Ram Engineering College**  
**Department of Mechanical Engineering**

Name : <b>Dr.N.MANI</b>	
Designation:	<b>PROFESSOR</b>
Qualification :	<b>M.E., Ph.D</b>
Area of Specialisation :	<b>Fracture Mechanics</b>
Experience :	<b>Teaching : 12 years</b>
	<b>Industry : 02 years</b>
No. of workshop / Conferences / FDP attended :	<b>05</b>
*** No. of workshop / Conferences / FDP organized:	<b>01</b>
Publications :	<b>International : 03</b> <b>National : 02</b>
General :	<p><b>1.Prof. Chinnadurai award</b> for discipline and study in Sathyabama Engineering College, 2001</p> <p>2. Received Medal for University of Madras <b>VI<sup>th</sup> Rank</b> and <b>I<sup>st</sup> Rank</b> in Sathyabama Engineering College in M.E. (CAD)</p> <p>3. Received <b>Best Paper Award</b> in International Conference and Exhibition on Emerging Challenges in Design and Manufacturing Technologies – 2007 in Sathyabama University.</p> <p>4.Member in Society of Automotive Engineers (SAE)</p>

## **Experience Details**

### **TOTAL YEARS TEACHING EXPERIENCE ( 12 )**

<b>Sl. No.</b>	<b>Name of the Inst./Employer</b>	<b>Position Held</b>	<b>Duration</b>	<b>Major Job Responsibilities and Nature of Experience</b>
1	Sri Sairam Engineering College	Professor	2012 onwards	Teaching
2	Sathyabama University	Associate Professor	2003- 2012	Teaching, Guiding UG & PG projects and Class Counselor
3	Madha Engineering College	Lecturer	2001 – 2003	Teaching, Project guidance for B.E. Students
4	Sri Balaji Polytechnic	Lecturer	1999 – 2000	Teaching

### **SEMINARS/CONFERENCES PARTICIPATED**

- Presented and Participated paper **on** National Conference on Recent trends in Manufacturing and Industrial Engineering - NCRTMIE, held at Sathyabama University, 2010.
- Presented and Participated paper **on** All India Seminar on Recent Trends in Manufacturing, IE (India) held on 12-13 February 2010.
- A course on ‘Non –linear Finite Element Analysis’ held at IITM by Dr.J.N.Reddy
- A course on ‘Introduction to ABAQUS’ held at Abacus Inc.Ltd, Chennai.
- Participated in the International seminar on ‘Sustainable Environmental Awareness through Educational Media’ held at Anna University of Technology, Madurai on 26<sup>th</sup> November 2010.

- Presented paper **in** International Conference and Exhibition on Emerging Challenges in Design and Manufacturing Technologies – 2007 in Sathyabama University.

## **PUBLICATIONS AND PAPERS**

1. **Mani N.**, Thanigaiyarasu G. and Chellapandi P., “Leak Before Break analysis of Steam Generator Shell Nozzle Junction for Sodium cooled Fast Breeder Reactor”. ASME Journal of Pressure vessel Technology. In Production.
2. **Mani N.**, Thanigaiyarasu G. and Chellapandi P., “Stress analysis of steam generator shell nozzle junction for sodium cooled fast breeder reactor”, International Journal of Engineering Science and Technology, Vol. 2(7), pp. 2690-2698, 2010.
3. **Mani N.**, Thanigaiyarasu G. and Chellapandi P., “Static stress analysis of steam generator shell nozzle junction for Leak Before Analysis”, International Journal on Design and Manufacturing Technologies, Vol. 3, No. 1, pp. 45-50, 2009.
4. **Mani N.**, Thanigaiyarasu G. and Chellapandi P., “Stress analysis of steam generator shell nozzle junction for Sodium cooled Fast Breeder Reactor”, All India Seminar on Recent Trends in Manufacturing, IE (India), pp. 90-96, 2010.
5. **Mani N.**, Thanigaiyarasu G. and Chellapandi P., “Life prediction of steam Generator shell nozzle junction”, Proceedings of National Conference on Recent trends in Manufacturing and Industrial Engineering - NCRTMIE, held at Sathyabama University, pp. 110-113, 2010.