


SRI SAI RAM INSTITUTE OF TECHNOLOGY
DEPARTMENT OF SCIENCE & HUMANITIES

Name: Mr. V.BALAJI	
Designation:	HOD ,SCIENCE & HUMANITIES & A.P. GR-II, MATHEMATICS
Qualification :	M.Sc, M.Phil, (Ph.D)
Area of Specialization :	SPACE MECHANICS
Experience :	TEACHING:-12 YRS RESEARCH: 4 YEARS
No. of workshop / Conferences / FDP attended :	CONFERENCE: 4 FDP : 2 WORKSHOP : 2
No. of workshop / Conferences / FDP organised:	NIL
Funded Projects	NIL
Publication :	Journal: National : 1 International: 2 Conference National : 1 International : NIL
Research Guidance :	NIL
General:	Awarded ISRO'S ADCOS RESEARCH FELLOWSHIP
Staff Achievements:	ACHIEVED 100% IN MATHS-I, MATHS II NUMERICAL METHODS (1 TIME EACH)

PROFESSIONAL EXPERIENCE:

Worked as Project Associate in Center for Aerospace Research from Sep 2002 to June 2008.

Worked as ADCOS Research Fellow in ISRO's ISAC center, Bangalore for 6 months.

PAPERS PRESENTED – INTERNATIONAL/NATIONAL CONFERENCE:

1. Co-authored a paper titled “ **ΔDOR for Indian Inter-planetary Missions**” in Journal of Guidance, Control & Dynamics, Vol 5, May 2011.
2. Co-authored the paper with Dr. Narayanasetti Venkata Vignesham et. all “India's first lunar Mission Chandrayaan-I Orbit Determination System”, ISRO
3. Presented a paper titled “**Orbit Determination of LEO Satellite Orbits by Hamiltonian Approach**” at a National Conference on 10.04.2011 held at CEG Campus, Anna University, Chennai.
4. **V. Balaji**, Dr. J. Pandurangan, ‘*Second order perturbation of Satellite orbits using Hamiltonian Canonical Transformation*’, Conference on Computational Methods in Continuum Mechanics (CMCM 2006), Anna University, Jan 2006.

WORKSHOPS/SEMINARS ATTENDED:

1. Participated in National Workshop on “**MATLAB for Mathematicians**” held at VIT Chennai on 22nd Dec 2011.
2. Participated in work shop on “**Recent Trends in Mathematics**”.held from 6th – 7th December 2009 at SSN College of Engineering, Chennai.
3. Delivered a Lecture for a short course on **Operational Research** for **TEQIP Programme** held at MIT in June '07 (15 day Programme)
4. Delivered a Guest Lecture on “ **Research opportunities in SPACE MECHANICS**” in a workshop on Research Aspects in Mathematics” at IMSc, Chennai on 1st July 2015.