



Sri SAI RAM INSTITUTE OF TECHNOLOGY

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Approved by **AICTE**, New Delhi | Affiliated to **Anna University**, Chennai.
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DEPARTMENT OF SCIENCE AND HUMANITIES

Name : **Dr. ARIVAZHAGAN T**

Designation : **ASSISTANT PROFESSOR**

Email : **arivazhagan.phy@sairamit.edu.in**

Qualification : **M.Sc., M.Phil., Ph.D.**

Specialization : **Physics**

Research Interest : **Crystal Growth**

Experience in years : **Teaching UG** **PG** **Industry**

No. of Workshop/Conferences/
FDP attended : **Workshop** **Conferences** **FDP**

No. of Workshop/Conferences/
FDP Organized : **Workshop** **Conferences** **FDP**



Professional Membership	Indian Association of Physics Teachers, New Delhi, Life member No: 8927 L-5313. Indian Society for Technical Education, New Delhi, Life member No.LM128039.
Publications	National: -
	International: 04
	Book: -
Research Funded Projects	
Patents	
Achievements	Achieved 100% Results in Spectroscopy M.Sc. (2005-2006) Engineering physics – I B.E./B.Tech. Polymer (2007-08), EEE A (2016-17), ECE A (2016-17), CSE A (2018-19) Engineering Physics-II B.E./B.Tech IT B (2012-13), ECE A (2014-15)
Any Other Information	Anna University recognized supervisor to guide Ph.D. scholars (Ref.No. 3370039).

List of Publications:-

International Journals

1. **Arivazhagan, T & Rajesh, NP** 2014, 'Investigations on the growth and characterization of nonlinear optical single crystal 4,4'-dimethoxybenzoin by vertical Bridgman technique', Optics & Laser Technology, vol. 64, pp. 156-161, IF- 2.503.
2. **Arivazhagan, T, Siva Bala Solanki, S & Rajesh, NP** 2017, 'Growth and characterization of butyl 4-hydroxybenzoate single crystal by vertical Bridgman technique for third order nonlinear optical applications', Optics & Laser Technology, vol. 88, pp. 188-193, IF- 2.503.
3. **Arivazhagan, T, Siva Bala Solanki, S & Rajesh, NP** 2018, 'Investigation on crystal growth and characterization of organic nonlinear optical triphenylmethane single crystal by vertical Bridgman technique', Journal of Crystal Growth, vol.496-497, pp. 43-50, IF- 1.742.
4. **Arivazhagan, T, Vinitha, G & Rajesh, NP** 2019, 'Growth and characterization of diphenylmethanol single crystal by vertical Bridgman technique for second and third order nonlinear optical applications', Journal of Crystal Growth, vol. 512, pp.181-188, IF- 1.742.

Seminar/Workshop / Conferences /FDP Attended: -

Seminar:

S.No	Seminar on	Held on Date	Place
1.	Advanced Materials and Engineering Applications	5 th & 6 th March 2018	Jeppiaar Engineering College, Chennai
2.	Emerging Trends in Materials and Technology	27 th & 28 th July 2017	Jeppiaar Engineering College, Chennai
3	Recent Trends in Applied Physics	18 th and 19 th March 2016	KCG College of Technology, Chennai.

Workshop:

S.No	Workshop on	Held on Date	Place
1.	Funding Opportunities for Innovation and Entrepreneurship Development	9 th November 2019	RMK Engineering College, Chennai.
2.	Advancements in Chemical Sciences	18 th July 2016	Sri Sairam Institute of Technology, Chennai.
3.	Recent trends in material science	1 st March 2013	Hindustan University, Chennai..
4.	Photonics and Optical Materials	9 th to 11 th Feb 2012.	SSN College of Engineering, Chennai.

Faculty Development Program:

S.No	FDP on	Held on Date	Place
1.	Entrepreneurship Career Development Program	8th April to 12th April 2019	Sri Sairam institute of Technology, Chennai
2.	Characterization of Materials	20 th & 21 st July 2017	Sri Sai Ram Institute of Technology, Chennai.
3.	Entrepreneurship Development	15 - 28 th Dec 2016.	Sri Sai Ram Institute of Technology, Chennai.
4.	Electromagnetic field theory & Transmission lines	25 th & 26 th June 2016.	Sri Sai Ram Institute of Technology, Chennai.
5.	Teaching Excellence in Engineering & Management Curriculum	20 th & 21 st June 2016	Sri Sai Ram Engineering College, Chennai.
6.	Engineering Physics II	15 th to 21 st December 2012.	Dhanalakshmi College of Engineering, Chennai
7.	Faculty Enrichment Programme	30.06.2010, 01.07.2010 & 27.08.2010	Hindustan Institute of Technology and Science, Chennai.
8.	Soft Skills and Class Room Dynamics	04.08.2008 to 06.08.2008	Hindustan Institute of Technology and Science, Chennai.

Conferences:

S.No	Conference on	Held on	Place
1.	Advances in Condensed Matter Physics	2 nd March 2018	Hindustan University, Chennai
2.	Current Trends in Advanced Materials	23 rd -24 th February, 2017	Hindustan University, Chennai.
3.	Advances in Applied Physics & Materials Science	29 th -30 th January 2016	Hindustan University, Chennai.
4.	Materials for Modern World	10 th -11 th September 2014	Easwari Engineering College, Chennai.