

ABOUT THE INSTITUTION

Rajalakshmi Institute of Technology was established under the Aegis of SABARI FOUNDATION in the year 2008 and it is a part of Rajalakshmi Group of Institutions being run since 1997. The college currently offers four B.E/B.Tech degree programmes in CSE, ECE, EEE and Mechanical Engineering.

Rajalakshmi Institute of Technology is approved by All India Council for Technical Education, New Delhi and affiliated to Anna University, Chennai. This institute is certified by the ISO 9001:2008 for academic standards and the UG programs, Computer Science & Engineering and Mechanical Engineering are accredited by NBA.

Rajalakshmi Institute of Technology strives to provide the students with the right environment to acquire knowledge, the spirit of excellence and to impart quality technical education that fosters learning and research. This has been possible due to the presence of leading academicians along with technology professionals of international and national repute inducted within its Governing Body. The presence of senior, experienced and qualified faculty members under the direction of the Governing Council has paved the way for establishing Rajalakshmi Institute of Technology as a distinct identity of the Technological Institute of Eminence.



CHIEF PATRONS

Thiru.S.Meganathan

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Dr. (Mrs).Thangam Meganathan

Chairperson, Rajalakshmi Institutions

Dr. M. Haree Shankar Meganathan

Vice Chairman

Rajalakshmi Institute of Technology

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Rajalakshmi Institute of Technology

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Dean, Mechanical Engineering

Rajalakshmi Institute of Technology

Dr.R.Ragu

Vice Principal

Rajalakshmi Institute of Technology

CONVENDOR

Dr.J.Juanita Saroj

Assistant Professor, Physics (H&S)

Rajalakshmi Institute of Technology

COORDINATOR

Dr.V.Natararajan

Associate professor, Physics (H&S)

Rajalakshmi Institute of Technology



**RAJALAKSHMI
INSTITUTE OF TECHNOLOGY**



Engineering Design and Technical Applications of Physics

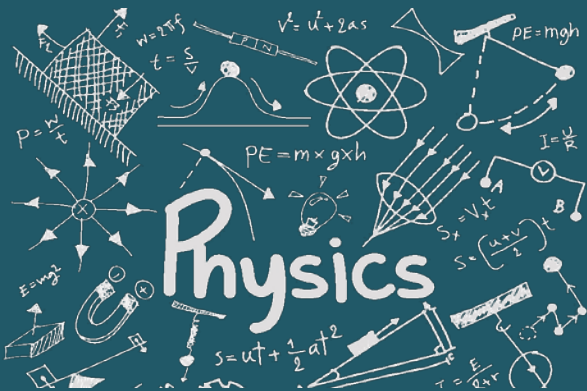
$$\lambda = \frac{h\nu}{E} \quad F_h = Shpg \quad \frac{2m}{T} \quad \frac{r}{\cos \theta} = \frac{I}{Fv} = \frac{t_n}{R}$$

13th OCTOBER 2018

Organized by
DEPARTMENT OF PHYSICS (H&S)
Rajalakshmi Institute of Technology
Kuthambakkam, Chennai-600 124

ABOUT THE SEMINAR

Physics is an indispensable component in engineering curricula because technology is based on our knowledge of physical laws. Physics remains the leader of the modern natural sciences, the theoretical basis of modern engineering. Physics as no any other science, promotes the development of creative and critical thinking in future engineers. The problem is that the majority of the students do not correlate closely, engineering and Physics and do not always transfer the knowledge they acquired in physics to their engineering-technology courses. As a result, the students get lost in engineering-technology courses when the topic under study requires reference to specific knowledge and skills taught in physics courses. As a result, the engineering-technology professors meet the situation in which the students formally study a course but do not interrelate learning with engineering applications.



This seminar is an unique approach that provides students the conceptual understanding in physics to the engineering-technology courses. Also, this seminar would provide a platform to engineering students for improving their technical knowledge and for acquiring interest in Research and Development sector.

KEYNOTE SPEAKERS OF THE SEMINAR

Dr. S.P. Venkateshan

Professor

Heat transfer and Thermal power lab
Department of Mechanical engineering
IIT, Chennai

Dr. Rita John

Professor and Head

Department of Theoretical Physics
University of Madras, Chennai

Dr. D. Arivuoli

Professor

Crystal growth centre
Anna University, Chennai

Dr.S.Piramasubramanian

Assistant Professor

Department of Electronics
Madras Institute of Technology, Chennai

Mr.P.Jenner

Engineering Manager

Product Design and Development
CIRCOR Flow Technologies India Pvt. Ltd
Chennai

SEMINAR DELIBERATIONS

- Properties of matter
- Waves and fiber optics
- Thermal Physics
- Quantum Physics
- Crystal Physics

WHO CAN ATTEND?

Students and Faculty of Physics and Engineering and Research Scholars

REGISTRATION FEES

Rs.150/- for Students/Research Scholars
Rs.250/- for Faculty members and others

For registration please visit @

<https://sites.google.com/view/csirsponsorednationalseminar/home>

Last date for Registration is **5th October 2018**

ACCOMMODATION

Accommodation will be arranged only for the out station participants on payable basis.

VENUE

Seminar Hall, Green Building,
Rajalakshmi Institute of Technology,
Kuthambakkam post,
National highway 4, Chembarambakkam,
Chennai-600124.

FOR FURTHER DETAILS CONTACT

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"THE MORE PHYSICS YOU HAVE THE LESS ENGINEERING YOU NEED"

-ERNEST RUTHERFORD