K.S.R. COLLEGE OF ENGINEERING, TIRUCHENGODE
An Autonomous Institution
(Affiliated to Anna University, Accredited by NAAC with A++ grade)
Phone : 04288-274213 | Fax: 04288-274757 | E-mail : principal@ksrce.ac.in

Science Club (2024-2025)

Introduction

The science club is where curiosity transforms into discovery and ideas spark innovation. It lays the platform for students to come together to experiment and explore the marvels of the technological world. It's a journey from the smallest atom to the vastness of the universe, diving into hands-on experiments, interactive discussions, and mind-bending projects. The fascinated mystery is the black holes, the power of chemistry, or the secrets of genetics and much more possibilities. It connects to the dots of the unknown, fuel our imaginations, and brings science to life in ways never seen before.

Vision

The vision of the **SCIENCE CLUB** at **KSR COLLEGE OF ENGINEERING** is to build a dynamic community of creative thinkers and passionate learners, inspiring a deep enthusiasm for scientific discovery, technological innovation, and positive societal impact. By promoting collaboration, practical learning, and interdisciplinary engagement, the club aims to equip students to become leaders in tackling real-world challenges, advancing scientific knowledge, and driving sustainable progress.

Objectives

- Inspire students to explore and appreciate the wonders of science and its applications in everyday life.
- Foster creativity and problem-solving skills through hands-on projects, experiments, and competitions.
- Promote the use of science and technology to address environmental and societal challenges sustainably.
- To encourage individual and group activities.
- To stimulate active participation and initiative among students in learning process.

- Organize events such as Science Day, exhibitions, and competitions to recognize and celebrate advancements in science and technology.

Members of Science Club @ KSRCE

S.No	Name of the Faculty	Designation	Position
1.	Dr. M. Venkatesan	Principal	Convener
2.	Dr. V. Revathi	Vice Principal	Co-Convener
3.	Dr. K. Lalithambigai	AP/PHY	Faculty Coordinator

S.No	Name of the Student	Branch	Position
1	Elavarasan V	CSE (IOT)	President
2	Kabithisha M	CIVIL	Vice President -1
3	Praveen Kumar	EEE B	Vice President-2
4	Cyril Crristopher J	CSE A	Vice President-3
5	Cheyon K V	MECH A	Secretary
6	Madhumitha M	CIVIL	Secretary
7	Arul P	CSE A	Joint Secretary
8	Anish Shankar V	CSE A	Joint Secretary
9	Bendict Prince C	CSE A	Joint Secretary
10	Gunasowndharya S	IT A	Joint Secretary
11	Sadaiyappan D	MECH B	Joint Secretary
12	Nikilraj N	ECE B	Executive Member
13	Mohamad Malik M	ECE B	Executive Member
14	Nivas B	CSE (CS)	Executive Member
15	Sridhar M	IOT	Executive Member
16	Gopika S	CSD	Executive Member
17	Shankari K N	IT B	Executive Member
18	Selvi D	CSE D	Executive Member
19	Harishkumar M	EEE A	Executive Member
20	Hariharan S	MECH A	Executive Member
21	Youvan Kumaar V	MECH B	Executive Member
22	Gowtham S	AUTO	Member
23	Illamparuthi V		Member
24	Boopalan B	BME	Member
25	Dharshan M		Member
26	Gokul M		Member
27	Nithin M		Member
28	Charumathy. R	CSD	Member

29	Prasanth M		Member
30	Lingesh R	CSE B	Member
31	Kanish Kumar S N		Member
32	Lingeswaran D		Member
33	Kiruthikkesh S		Member
34	Manoj Prabhakar M	CSE C	Member
35	Ragul P		Member
36	Senthamizh S	CSE D	Member
37	Senthilkumar M		Member
38	Sowdhanaya R		Member
39	Anishkumar R	CSE (CS)	Member
40	Kavin Rajesh N		Member
41	Ramanan V S		Member
42	Sanjay B		Member
43	Anish V	ECE A	Member
44	Bharath V		Member
45	Chandru S		Member
46	Dinesh C		Member
47	Mohammed Majhar S	ECE B	Member
48	Nimal S		Member
49	Rithin M	ECE C	Member
50	Srimathi P		Member
51	Thrayasri A		Member
52	Sumanraj M		Member
53	Mohanlal S	EEE A	Member
54	Mohan Kumar R		Member
55	Arjun Kumar R		Member
56	Chandrasekhar S		Member
57	Priyadharshini S	EEE B	Member
58	Sanjai S		Member
59	Srimathi V		Member
60	Abinaya K	IT A	Member
61	Gokul R		Member
62	Gowtham M		Member
63	Haripriya E		Member
64	Manoj Kumar M		Member
65	Mithunprasad A		Member
66	Serankumaran M	IT B	Member
67	Sheebasri U		Member

68	Srichandh P		Member
69	Victor Edwin I		Member
70	Shubhankar Suresh Pawar		Member
71	Dinesh.S	MECH A	Member
72	Dinesh.V		Member
73	Prasanth M(16.06.2005)	MECH B	Member
74	Thishakar S		Member
75	Vanjinathan K		Member
76	Tamilselvan K	SFE	Member
77	Viswesh G		Member

Event: 1

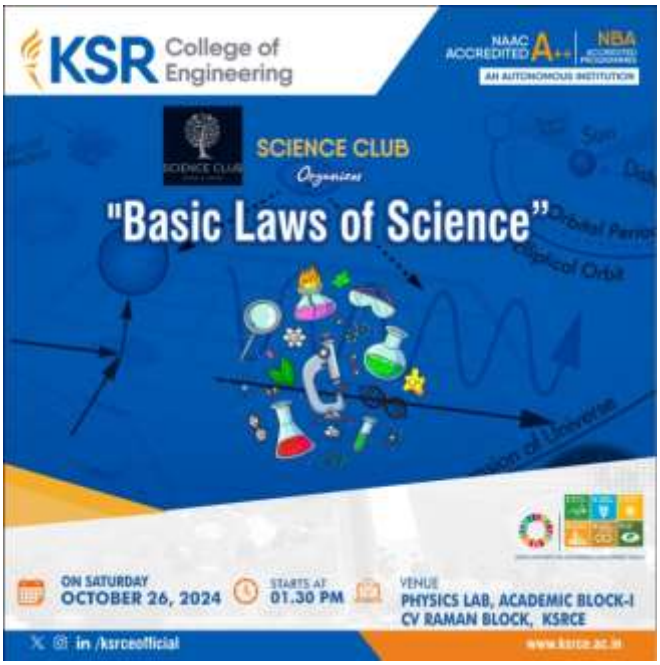
Date: 28.09.24 **Time:** 1.30 pm **Venue:** F Block -Physics lab

The science club introduction ceremony at KSRCE is a resounding success, marking the beginning of a new era of scientific exploration and curiosity. Then members participated in a variety of interactive sessions like science innovations, ranging from simple chemistry reactions,

arriving new technology. The session encouraged students to ask questions, think critically, and develop problem-solving skills in a collaborative environment.

Event: 2

Date: 26.10.24 **Time:** 1.30 pm **Venue:** CV Raman block - Physics lab



In order to enhance creative and innovative skills of the students, the **Science Club** has planned various activities every week. Task were given to students to implement the **"Basic laws of Science"** to develop innovative technological devices. The student teams have presented science models related to the topic and presented their ideas energetically. Flashing of quiz with critical level of thinking were also done.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Event: 3

Date: 09.11.24 **Time:** 1.30 pm **Venue:** CV Raman block - Physics lab

To encourage creativity and innovation among students, the Science Club has planned a series of weekly activities. One of the key tasks was to celebrate "**World Science Day**" by developing innovative technological devices. Students presented their projects through PowerPoint presentations and engaging activities related to the theme of World Science Day. In addition, a challenging quiz was held to stimulate critical thinking and further enhance students' problem-solving abilities.


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Event: 4

Date: 23.11.24 **Time:** 1.30 pm **Venue:** CV Raman block - Physics lab

The event, “Basic Electronic Components and Their Uses”, was an engaging showcase aimed at fostering a deeper understanding of electronics through three primary activities: **Working Models**, **Non-Working Models**, and **Speech Presentations**. It was organized to inspire students and enthusiasts to explore the fascinating world of electronics and its practical applications. This section also helped attendees understand the versatility of basic electronic components in problem-solving without requiring active demonstrations. The speeches were well-structured and delivered with confidence, reflecting participants' research and knowledge.


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Event: 5

Date: 08.02.25 **Time:** 1.30 pm **Venue:** F Block (Uranus) - Physics lab

The Science Club successfully conducted a seminar titled **"Advance Technology in Science"** and the event aimed to explore recent advancements in science and technology and their real-world applications. The keynote session covered topics such as artificial intelligence, nanotechnology, space exploration, and biomedical innovations. A highlight of the event was the **student speeches**, where several students presented their research and insights on various scientific breakthroughs. Their speeches reflected a deep understanding of modern technological advancements and their potential impact on society. The seminar concluded with an engaging discussion among students, where they exchanged ideas, debated scientific concepts, and shared their perspectives on the future of technology. Their active participation made the event a great success, fostering curiosity and innovation.


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Event: 6

Date: 22.02.25 **Time:** 1.30 pm **Venue:** AICTE-IDEA LAB- KSRCT

On **22nd February 2025**, the Science Club students of **K. S. R. College of Engineering (KSRCE)**had the exciting opportunity to visit the **AICTE - IDEA LAB at K. S. Rangasamy College of Technology (KSRCT).** This visit was a wonderful opportunity to explore and learn about some of the most cutting-edge technologies transforming the world of science and engineering today.

Key Highlights of the Visit:

Plywood Cutting and Designing with Laser: We were particularly fascinated by the **laser cutting machine** in action as it sliced through plywood with ease, creating intricate designs. The machine's ability to engrave detailed patterns in wood with incredible precision demonstrated how technology can be used to create unique, customized designs. The applications for such technology are vast, from making customized furniture to creating architectural models.

Laser Cutting Technology - CO2 Laser: The next exciting technology we explored was the **CO2 laser cutting machine**, an advanced tool used to cut and engrave materials with pinpoint accuracy. We

observed how it works by focusing a high-powered laser beam to carve designs into a variety of materials. The laser cutting technology stood out for its speed and precision, and it opened our eyes to its wide applications, including in manufacturing, architecture, and even art design.

3D Printing: One of the most captivating aspects of the visit was the demonstration of **3D printing**. We were amazed by the capabilities of the **3D printer**, which can create intricate designs from digital models.

After the hands-on experience with the equipment, the students participated in a stimulating group discussion where we explored the impact of these advanced technologies. The conversation revolved around the future possibilities of **3D printing, laser cutting,** and other tools available at the **IDEA LAB.** The visit was not only educational but also inspiring, sparking conversations about how we, as future scientists and engineers, can contribute to the ever-evolving world of technology. We left the lab with a greater appreciation for the incredible potential these technologies hold in shaping our future.


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About the club:

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Introduction

The **KSR COLLEGE OF ENGINEERING SCIENCE CLUB** has an exciting and successful year filled with hands-on experiments, engaging projects, and explorations into the fascinating world of science. Our club continues to grow, with more members joining each month, all eager to discover the wonders of the scientific world and take part in creative with lot of fun activities. The snapshots of the events conducted during this year are provided.

Events: Introduction of Science Club

Week: 1 Date: 28.09.24 **Time:** 1.30 pm **Venue:** F Block -Physics lab

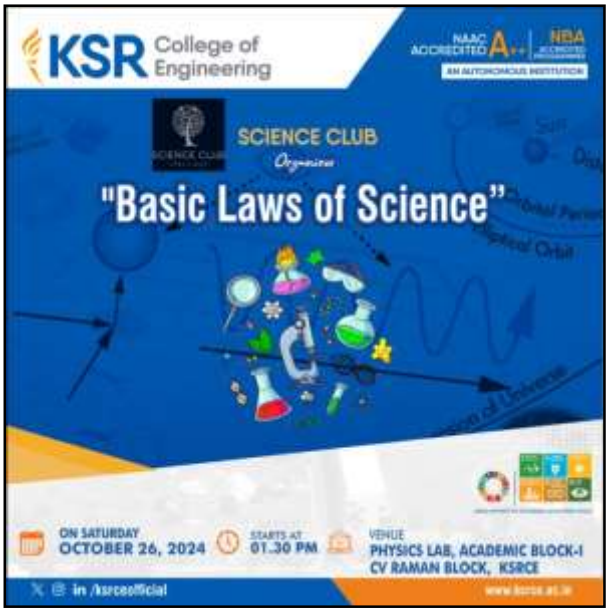
The science club introduction ceremony at KSRCE is a resounding success, marking the beginning of a new era of scientific exploration and curiosity. Then members participated in a variety of interactive sessions like science innovations, ranging from simple chemistry reactions, arriving new technology. The session encouraged students to ask questions, think critically, and develop problem-solving skills in a collaborative environment.

Selection of members from various departments

Interaction about science innovations and new technology

Events: Basic Laws of Science

Week: 2 - **Date:** 26.10.24 **Time:** 1.30 pm **Venue:** CV Raman block - Physics lab



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Presented a project - Holography Technique **Speech about “Basic laws of Science”**

Speech about “Basic laws of Science” Quiz conduction

Quiz conduction under the topic of “Basic laws of Science”

Topic: World Science Day **Events:** Science quiz Contest-2024

Week: 3 - **Date:** 09.11.24 **Time:** 1.30 pm **Venue:** CV Raman block - Physics lab

To encourage creativity and innovation among the students, the Science Club has planned a series of weekly activities. One of the key tasks was to celebrate "**World Science Day" (November-10**) by developing innovative technological devices. Students presented their projects through PowerPoint presentations and engaging activities related to the theme of World Science Day. In addition, a challenging quiz was held to stimulate critical thinking and further enhance student's problem-solving abilities.

Student's Power Point Presentations about "National Science Day"

Quiz Conduction and Science Activities

Topic: Basic Electronic Components and Their Uses

Events: Working Models, Non-working models & Speech

Week: 4 - **Date:** 23.11.24 **Time:** 1.30 pm **Venue:** CV Raman block - Physics lab

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Students presented their working models

Students presented non-working models & speech about the topic

Topic: ADVANCE TECHNOLOGY in Science **Events:** Seminar

Week: 9 - **Date:** 08.02.25 **Time:** 1.30 pm **Venue:** F Block (Uranus) - Physics lab

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Seminar about Advance Technology

Discussion about Advance Technology

Topic: Field Visit to AICTE- IDEA Lab

Events: Group discussion about Advance Technologies

Week: 10 - **Date:** 22.02.25 **Time:** 1.30 pm **Venue:** AICTE-IDEA LAB-KSRCT

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Advance Technology – Laser Cutting Technology

Advance Technology – 3D Printer

Advance Technology – Mother board making

Advance Technology – Group Discussion