

VINAYAKA MISSION'S KIRUPANANDA VARIYAR ENGINEERING COLLEGE, SALEM
A CONSTITUENT COLLEGE OF VINAYAKA MISSION'S RESEARCH FOUNDATION
(DEEMED TO BE UNIVERSITY)

**SCIENCE CLUB &
INSTITUTIONS'S INNOVATION COUNCIL**

To enhance the scientific knowledge of students, in various spheres of Science and Technology, Science Club Lecture Series was inaugurated in Vinayaka Mission's Kirupananda Variyar Engineering College in the year 2018. In this direction, the Science Club, in collaboration with Institution's Innovation Council has organized a Science Club Competitions on 30th June 2022. The programme started with prayer-Thamizh Thai Vazhthu followed by Lighting of Kuthuvilakku. Dr. C. Senthil Kumar, President of the Science Club, welcomed the gathering. In his address, he insisted students to innovate. During the independence period, our country had literacy rate around 10%. At that time our great leaders like Kamarajar, Jawaharlal Nehru, Sardhar Vallabhai Patel, etc, insisted people to get educated. The key to the problem was EDUCATION at that time. But now, the scenario has changed. Literacy rate is high & nearing 100%. Now, our Honourable Prime Minister Shri Narendra Modi is inviting the citizens to make India, a prosperous country. He advises students to become Entrepreneurs. To become Entrepreneur, you have to innovate. Now the key to the current problem is INNOVATION. To innovate, you first have to identify problems which could be scientifically/technically addressed. So, let all of us join hands to make our country Prosperous, by Innovating & becoming Entrepreneurs. This was the vision of our former president Dr. A. P. J. Abdul Kalam. It was not only dreamt by him, but also one of the all time greatest tamil poet of 12th century, Kavichakkavarthi Kambar. He says in his epic 'Kambaramayanam'

வன்மை இல்லை ஓர் வறுமை இன்மையால்

தின்மை இல்லை ஓர் செறுநர் இன்மையால்

உண்மை இல்லைபொய் உரைஇ லாமையால்;

Meaning: He tells about the town of Ayodhya: I cannot find a donor in this town, since there are no beggars; I cannot find a warrior in this town, because there are no enemies to this country; I cannot find truth in this town, because there is no lie speech of the people. Finally he ended his welcome address with the couplet of the famous Hindi poet Kabir,

धीरे-धीरे रे मना, धीरे सब कुछ होय, माली सींचे सौ घड़ा, ऋतु आए फल होय।

which means, even when a gardener waters his tree with hundreds of pot of water daily, the tree yields fruit, only when the season comes. So, my dear students don't wait; work hard and innovate to get the yield which is a good degree with innovation. Dr. R. Sasi Kumar, Principal delivered the inaugural address. In his address, he insisted students to think innovatively and develop the curiosity of developing new products. Dr. S. Venkatesan, Professor, Mechanical Engineering & KVAB member reminded the students about the early days of our former president Dr. A. P. J. Abdul Kalam, who took hardship to become a scientist and further to become the President of India. At the end of the inaugural session, Dr. P. Saradha, Vice-President of Science Club delivered the vote of thanks. Dr. C. Arunkumar Maduvappan, President – Institution's Innovation Council of VMKVEC, Dr. P. Selvam, Secretary, Science Club, Dr. R. Sethupathi, Joint-Secretary, Science Club and Prof. A. Gilbert Sunderraj, Treasurer Science Club have made necessary arrangements for the above programme. A total of 250 students including faculty participated in the competitions.

DEPARTMENT OF SCIENCE & HUMANITIES
SCIENCE CLUB
&
INSTITUTION'S INNOVATION COUNCIL – VMKVEC, SALEM
Jointly organize

SCIENCE CLUB COMPETITIONS

PHASE II – 2021-22

30th
June 2022
(Thursday)

@ AC AUDITORIUM

LIST OF COMPETITIONS

- 1 Mini Project
- 2 Paper Presentation
- 3 Activity Based Learning
- 4 Problem Listing
- 5 Video on my Scientific Experience in VMKVEC

SCIENCE CLUB OFFICE BEARER

Dr. C. Senthil Kumar
Professor & Head – Physics
& President

Dr. P. Saradha
Associate Professor – English
& Vice-President

Dr. G. Selvam
Associate Professor,
Mathematics & Secretary

Dr. R. Sethupathi
Associate Professor-Physics
& Joint Secretary

Dr. A. Gilbert Sunderraj
Assistant Professor – Chemistry
& Treasurer

Dr. P. Sasikala
HoD, Science & Humanities

Dr. C. Arunkumar Maduvappan
President, IIC-VMKVEC

Dr. M. Nithya
Vice – Principal

Dr. R. Sasikumar
Principal

For More info
94438 – 74292

admissions@vmkvec.ac.in
www.vmkvec.ac.in

SCIENCE CLUB COMPETITIONS

PHASE II – 2021-22

TITLE

MINI PROJECT

Description

- Selection of topic. The topic should be innovative.
- Search the topic in literature/online, whether it is already done or not
- Get the suggestion from experts
- Plan the project
- Execution of project
- Participant shall be a maximum of TWO persons

Contest Procedure

- Display of the project in the contest at the given place
- Justify the innovation of your project to Jury

30th
June 2022
(Monday)

10 am–11 am

Event Coordinators

Staff Coordinator

Dr. R. Sethupathi

Associate Professor of physics

98945 85728

Student Coordinator

Ms. S. Mahasree

1 year B. Tech. Biotechnology

93420 35100

Mr. V. Dinesh

1 year B. Tech. Biotechnology

76959 35108

SCIENCE CLUB COMPETITIONS

PHASE II – 2021-22

TITLE

PAPER PRESENTATION

Description

- You have to choose a scientific/ technological topic
- Explain the topic in detail
- You have to conclude with your idea to improve the concept further



30th

June 2022
(Thursday)

11 am – 12 noon

Contest Procedure

- The power-point presentation shall contain maximum of 10 slides
- Time duration: 5 minutes.
- Participant should be SINGLE person

Event Coordinators

Staff Coordinator

Mr.A.Gilbert Sunderraj

Assistant Professor-Chemistry

97893 45525

Student Coordinator

Ms.G. Nandhini

1st year B. E. – Artificial Intelligence
& Data Science

63748 79518

Mr.V. Kavinraj

1st year B. E. – Artificial Intelligence
& Data Science

96297 73004

SCIENCE CLUB COMPETITIONS

PHASE II – 2021-22



TITLE

ACTIVITY BASED LEARNING

Description

Activity-based learning is the process of learning scientific concept through some working/dummy models.

30th
June 2022
(Thursday)

12 noon – 1 pm

Contest Procedure

- The participant should prepare a working/dummy model to explain a concept at home/hostel
- The same model should be brought and displayed in the contest
- The participant should explain about the model to the Jury
- Best model will be awarded. All other participants will get certification.
- Participant should be SINGLE person

Event Coordinators

Staff Coordinator

Dr. G. Selvam

Associate Professor – Mathematics

98941 13109

Student Coordinator

Ms. Bharathi

1st year B. E. – Pharmaceutical
Engineering

81480 42454

Mr. Aathi Elanchezhiyan

1st year B. E. – Pharmaceutical
Engineering

77083 00598

SCIENCE CLUB COMPETITIONS

PHASE II – 2021-22

TITLE PROBLEM LISTING

Contest Procedure

- You will be given a paper and asked to list down the problems on the day of contest.
- Maintain the secrecy of your problems. Don't share to anyone.
- Participant should be SINGLE person
- Those students who list maximum number of problems will be awarded.
- All the participants will get certification.

30th
June 2022
(Thursday)

2 pm – 3 pm



Description

All the development of this world/universe is based on innovation. Innovation starts from identifying the problem faced by human. This contest focuses on Identifying Problems. We request all the participants to list down problems faced by the mankind, for which solution can be given by Science & Technology in future

Event Coordinators

Staff Coordinator

Dr. C. Senthil Kumar

Professor & Head – Physics

98402 62913

Student Coordinator

Mr.Ruman Akhtar

1st year B. E. – Computer Science & Engineering
Engineering

74849 48669

SCIENCE CLUB COMPETITIONS

PHASE II – 2021-22

VIDEO ON MY SCIENTIFIC EXPERIENCE IN VMKVEC

Description

Science is the basis for any invention. Science is based on observing the world/universe around us by listening, watching and recording. Our daily activity depends on science. So, science is the curiosity of our life. This competition focuses on your scientific experience in this campus. We request the participants to prepare a video comprising their scientific experience in their daily life for the past one year.

Contest Procedure

- ◆ The participant should prepare a TWO minute video
- ◆ The video will be played in the presence of Jury
- ◆ Participant shall justify his/her video to the Jury
- ◆ Best video will be awarded & all the other participants will get certification
- ◆ Participant should be SINGLE person

30th

June 2022
(Thursday)

3 pm – 4 pm

Event Coordinators

Staff Coordinator

Dr. P. Saradha

Associate Professor – English

96009 25643

Student Coordinator

Mr. V. Dinesh

1st year B. E. – Biomedical Engineering

84380 23573

Mr. T. Hariharan

1st year B. E. – Biomedical Engineering

98945 82029



INAUGURAL FUNCTION: In the presence of Principal Dr. R. Sasikumar, Dr. S.Venkatesan, Professor – Mechanical Engineering & KVAB Member is delivering felicitations. Dr. P. Sasikala, Professor & Head, Science & Humanities, Dr. C. Senthil Kumar, President – Science Club, Dr. P. Saradha, Vice-President-Science Club, Dr. R. Sethupathi, Joint Secretary-Science Club, Prof. A. Gilbert Sunderraj, Treasurer-Science Club, Mr. R. Sakthi Ganapathy, First year coordinator are present.



INAUGURAL FUNCTION: Dr. P. Saradha, Vice-President-Science Club is delivering the vote of thanks.



INAUGURAL FUNCTION: A section of audience



MINI PROJECT COMPETITION: The Jury of the competition, Dr. M. Sridevi, HoD, Biotechnology alongwith Dr. P. Saradha, Vice-President Science Club interacting with students



Paper Presentation Competition



The students are demonstrating in the Activity Based Learning Competition



Students are actively participating the Problem Listing contest in the presence of Jury of the competition, Dr. M. Devarajan, Professor – Electrical and Electronics Engineering



VIDEO ON MY SCIENTIFIC EXPERIENCE IN THIS INSTITUTION: A student is presenting his video.



VINAYAKA MISSION'S KIRUPANANDA
VARIYAR ENGINEERING
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VINAYAKA MISSION'S
RESEARCH FOUNDATION
(Dedicated to the advancement of science & technology)

DEPARTMENT OF SCIENCE & HUMANITIES
SCIENCE CLUB
SCIENCE CLUB COMPETITIONS – PHASE II – 2021-22

Date: 30.06.2022 – Thursday
Venue: AC Auditorium

RESULTS

S. No.	Name of the Contest	Total Number of participants	I Prize	II Prize
1.	MINI PROJECT	6 teams	1. Rahul R, I year B. Tech - Biotechnology 2. Peacelyn K, I year B. Tech - Biotechnology	1. S. Mahasree, I year B. Tech - Biotechnology 3. P. Boopathi, I year B. Tech - Biotechnology
2.	PAPER PRESENTATION	5	Rahul R, I year B. Tech - Biotechnology	Rustham Ali Ansari, I year B. E. – Computer Science & Engineering
3.	ACTIVITY BASED LEARNING	1	1. Aathi Elanchezhian V. S., I year B. E. PCE 2. Bharathi P, I year B. E. PCE	
3.	PROBLEM LISTING	31	R. Rahul, I year B. Tech - Biotechnology	Rahul Kumar, I year B. E. – Computer Science & Engineering
4.	VIDEO ON MY SCIENTIFIC EXPERIENCE	1	S. Vasim Khan, I year B. E. – Artificial Intelligence and Data Science	

1. *[Signature]* 30.06.22 (Dr. C. Senthil Kumar, President - Science Club)
2. *[Signature]* (Dr. P. SARADHA, Vice President)
3. *[Signature]* (Dr. G. SELVAM, Secretary)
4. *[Signature]* (A. GILBERT SUNDARARAJU, Treasurer)

P.S. - U
(HOD/SEH)

[Signature]