



VINAYAKA MISSION'S KIRUPANANDA
VARIYAR ENGINEERING
COLLEGE
SALEM | www.vmkvec.ac.in



VINAYAKA MISSION'S
RESEARCH FOUNDATION
(Deemed to be University under section 3 of the UGC Act 1956)



SCIENCE CLUB & INSTITUTION'S INNOVATION COUNCIL VMKVEC
Science Club Competitions – Level II:Advanced
20.8.2023 – Monday



**SIXTEENTH EDITION OF SCIENCE CLUB – SCIENCE CLUB COMPETITION 2023:
ADVANCED – A REPORT**

Science Club & Institution's Innovation Council-VMKVEC jointly organized Science Club Competition – Advanced on 20th September 2023 at the A/C auditorium 9.30 am – 4.30 pm. The programme started with inaugural session at 9.30am with prayer, followed by lighting of kuthuvilakku by dignitaries. Dr. C. Senthil Kumar, President of the Science Club welcomed the gathering. Dr. R. Sasikumar, Principal presided over the function and delivered the presidential address. In his speech, he motivated the students to participate in competitions. He congratulated the Department of Science and Humanities for organizing this kind of innovational activities. The competitions started followed by the inaugural session.

1. Mini Project: In this competition, six student teams have participated. Dr. N. Babu, Professor, Biomedical Engineering adjudicated the competition.
2. Paper Presentation: Ten students have participated. Dr. S. Natarajan, Professor, Mechanical Engineering adjudicated the competition.
3. Activity Based Learning: Four students have participated. Dr. S. Anusuya, Professor & Head, Pharmaceutical Engineering adjudicated the competition.
4. Problem Listing: Seventeen students have participated. Dr. R. Devarajan, Professor & Course Coordinator, EEE adjudicated the competition.
5. Video on Scientific Concept/idea/experiments: Four students have participated. Dr. M. Sridevi, Professor & Head, Biotechnology adjudicated the competition.

A total of 145 students participated in the event. Dr. P. Saradha, Vice-President/Science Club, delivered the vote of thanks. Dr. R. Sethupathi, Secretary, Prof. A. Gilbert Sunderraj, Treasure/Science Club, Mr. R. Venugopal, Joint Secretary coordinated the events. Mr. Manimaran, Asst. Professor/English & Dr. Bhuvaneshwari, Asst. Professor/English supported for the smooth conduct of the event.



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Lighting of Kuthuvilakku by the dignitaries



Presidential address by the Principal Dr. R. Sasikumar



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Miniproject competition



GPS Map Camera



Chinnasiragapadi, Tamil Nadu, India
 Electrical Department & Lab, Vinayaka Mission's Kirupananda Variyar Engineering
 College, Road, Chinnasiragapadi, Salem, Tamil Nadu 636308, India
 Lat 11.576966°
 Long 78.04968°
 20/09/23 03:36 PM GMT +05:30

Paper presentation competition



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A section of audience



Problem Listing competition



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

SCIENCE CLUB COMPETITIONS 2023
Level II - Advanced

Sep **20** 2023
Wednesday

Venue
AC Auditorium

LIST OF COMPETITIONS

1. Mini Project
2. Paper Presentation
3. Activity Based Learning
4. Problem Listing
5. Video on Scientific Concepts / Idea / Experiments

Dear Students,
Make use of this opportunity. This will be very much helpful for you to participate in National level competitions like MSME Idea Hackathon / IIT Build / Smart India Hackathon / DST Nidhi Prayas / Women Entrepreneurship / Conferences / Project Expos. Let us have a look back of the achievements of our students in previous years:
2023: 16
2022: 10
2021: 3
Build your confidence level through Science Club Platform & Participate in more activities. Good Luck.

Dr. C. Senthil Kumar
Professor & Head - Physics &
President Science Club

Dr. P. Saradha
Associate Professor - English &
Vice-President - Science Club

Dr. R. Sethupathi
Associate Professor-Physics &
Secretary - Science Club

Prof. A. Gilbert Sunderraj
Assistant Professor & Head
Chemistry & Treasurer - Science Club

Mr. R. Venugopal,
Assistant Professor - Mathematics &
Joint Secretary - Science Club

Dr. P. Sasikala
HoD, Science & Humanities

Dr. C. Arunkumar Maduvappan
President, IIC-VMKVEC

Dr. M. Nithya
Vice - Principal

Dr. R. Sasi Kumar
Principal



For More info

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SCIENCE CLUB COMPETITIONS 2023 Level II - Advanced

COMPETITION **Mini Project**

20th SEP 2023 | 10 - 11 am

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 the 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 the Juries

Staff coordinator

Dr. R. Sethupathi, Associate professor of physics -9894585728

Student coordinator

Ms. S. Mahasree – 3rd year B. Tech. Biotechnology - 9342035100

Mr. V.Dinesh – 3rd year B. Tech. Biotechnology -76399 87108



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VARIYAR

SCIENCE CLUB COMPETITIONS 2023

Level II - Advanced

COMPETITION
 Paper
 Presentation

20th SEP 2023
 Time: 11-12 am

Description

- Choose a scientific/technological topic
- Explain about the topic in brief
- You have to give your NEW IDEA which can enhance the science/technology

Contest Procedure

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

Staff coordinator

Prof .A. Gilbert Sunderraj, Assistant Professor–Chemistry – 9789345525

Student coordinator

Ms.G. Nandhini – III B. E. – Artificial Intelligence & Data Science – 6374879518
 S.Varsha –III B.Tech–Biotechnology – 95669 09566

INSTITUTION'S
 INNOVATION
 COUNCIL
(Ministry of Education initiative)

For More info
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SCIENCE CLUB COMPETITIONS 2023 Level II - Advanced

COMPETITION

Activity Based Learning

20th SEP 2023 | 12 – 1 pm

Description

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

Contest Procedure

- The participant should prepare a working/ dummy model to explain a concept
- The model should be brought and displayed in the contest
- The participant should explain about the model to the Juries
- Participant should be in SINGLE

Staff coordinator

Mr. R. Venugopal, Assistant Professor –Mathematics – 8428206330

Student coordinator

Ms. Bharathi – III year B. E. – Pharmaceutical Engineering –8148042454
Mr. Aathi Elanchezhyan – III year B. E. – Pharmaceutical Engineering – 7708300598



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SCIENCE CLUB COMPETITIONS 2023 Level II - Advanced

COMPETITION

PROBLEM LISTING

20th SEP 2023 | 2-3 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 New Problem(s). We request all the participants to list down problems faced by the mankind, for which solution can be given by Science & Technology in future.

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 a SINGLE person
- explain about the problems listed to the juries



Staff coordinator

Dr. C. Senthil Kumar, Professor & Head – Physics, 9840262913

Student coordinator

Mr.V. Kavinraj – III year B. E. – Artificial Intelligence & Data Science – 9629773004
 G.Dhanushiya – III-B.Tch Biotechnology – 7339545243



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SCIENCE CLUB COMPETITIONS 2023 Level II - Advanced

COMPETITION Video on Scientific Concepts/ Idea/Experiments

20th SEP 2023 | 3-4 pm

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 concept/idea/experiment.

Contest Procedure

- The participant should prepare a TWO minute video
- The video shall be played in the presence of Juries
- Participant shall justify his/her video to the Juries
- Participant should be a SINGLE person

Staff coordinator

Dr. P. Saradha, Associate Professor – English – 9600925643

Student coordinator

Mr. V. Dinesh – III B. E. – Biomedical Engineering – 8438023573
Mr. T. Hariharan – III year B. E. – Biomedical Engineering – 9894582029



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