

VIVEKANAND EDUCATION SOCIETY'S

College of Arts, Science and Commerce (Autonomous)

Reaccredited by NAAC ('A' Grade)

Recipient of FIST Grand (DST), Star College Grant (DBT),
Best College Award (Urban area: Year 2012-2013 (UoM))



Fun with
physics



Date with
Data Science



Computer science
ke Fun-day



Psyche-In-Sight: A
peek into the world
of Psychology

Invites

Students of 8th - 12th class

Marvels of
Microbes



Magic with AI

Chemistry - it's
like magic but
real!



Under STAR-DBT Scheme

Decoding DNA for
Better tomorrow

Math Matters



LAB TOURS:

PHYSICS, CHEMISTRY, BIOTECHNOLOGY, MICROBIOLOGY, PSYCHOLOGY,
MATHS, COMPUTER SCIENCE, IT, DATA SCIENCE & AI

VENUE: Vivekanand Education Society's College of Arts, Science and Commerce
(Autonomous), Sindhi Society, Chembur (East), Mumbai- 400071

DATE: 19th & 20th January, 2024 | TIME: 9:00 AM to 5:00 PM

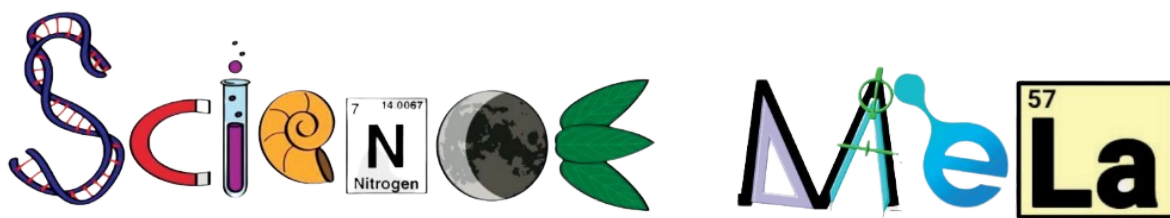


For a visit, register at <https://tinyurl.com/vesascmela24>

or scan the QR Code

Contact No: 9324291686/9323101535





Experience the magic of Science!!!

EVENT SCHEDULE: 19TH & 20TH JANUARY, 2024

GROUND FLOOR: NEW BUILDING			
1	Blood Grouping: Know your Blood Group and the logic behind its identification (BT)		
2	Respirometer (BT)		
3	Marvels of Microbes (Microbiology)		
4	Number Ninjas, Fun with Maths, Infinite Insights (Mathematics)		
5.	Invisibility CodeCloak IOT Experiment (Computer Science)		
6.	Cyber Security and Awareness(DSDA)		
7	Face recognition and voice changing system(DSDA)		
8	Status of Females in Society(DSDA)		
9	Home finance analysis(DSDA)		
10	Hawk eye Drone(AI)		
11	Physics buzzer game		
FIRST FLOOR : PHYSICS LAB			
1	Chandrayaan model and rover	6	Demo of Gravitational wave
2	hydraulic lift	7	Lissajous figures using LASER
3	3D hologram	8	Color shadows
4	Pendulum Waves	9	Light experiments in Dark room
5	Quantum Cryptography	10	Eclipse and lunar phases
11	Diffraction, Total Internal reflection of light using LASER beam (seeing the bending of LASER beam)		

ELECTRICITY AND ELECTRONICS			
12	Automatic street light	15	Smart home
13	road accident protection	16	hydroelectricity
14	Data transfer by light (LiFi)	17	water level indicator
GENERAL PHYSICS			
17	Dance of flames on music (Ruben's tube)	21	antigravity funnel
18	Boyle's law, Charle's law, bernoulli's principle	22	Newton's cradle
19	Experiments demonstrating Laws of Physics	23	Telescope
20	Gaussian Distribution	24	foucault pendulum
FIRST FLOOR : COMPUTER SCIENCE LAB			
1	Virtual memory card Game		
2	Anime type fighting Game		
3	Landfill destroy Game		
4	Car racing Game		
5	Ninja Survival Game		
6	Egg Catcher Game		
7.	3CYBER FPS Game		
8.	SPY Car IOT Game (1st Floor Outside CS Lab)		
9.	Invisibility CodeCloak IOT Experiment (Law College Stilt Area)		
FIRST FLOOR : IT LAB			
1	KTB (Knowing The Brain) of the Computer	2	Magic with AI
SECOND FLOOR : CHEMISTRY DEPARTMENT (60 MIN)			
PHYSICAL LAB			
1	Nuclear reactor		
2	Electroplating		
3	Elephant toothpaste		
M.SC. PART-I LAB			
4	Rainbow reaction	6	Food adulteration
5	Fake blood	7	Charcoal filter

M.SC. (ORGANIC) PART-II LAB	
8	Golden Rain
M.SC. (ANALYTICAL) PART-II LAB	
9	Blue Bottle Experiment

THIRD FLOOR: MICROBIOLOGY DEPARTMENT (45 MIN)	
1	Micro-avengers assemble
2	The Incredible Microbes
3	Micromarvels: The Culinary Saga
4	Medical Microbiology: Infinity War
5	Microbes: Guardians of the Environment
6	Genetically Modified Organisms: Brave New World
BIOTECHNOLOGY DEPARTMENT (MAIN LAB 50 MIN)	
1	Molecular Biology: DNA extraction from onion
2	Molecular Biology: Visualization of DNA on AGE
3	Check your blind spot.
4	Bioinformatics: Visualize protein structure
5	Chromatography: Plant pigment separation
6	Food Technology: Adulteration
7	Model display: Terrarium
8	Genetics: Chromosome Pairing Game
9	Protein estimation from food products
10	Symmetry is appealing to human eye
11	Model display: Diorama
12	Model display: Molecules Structure- Carbohydrate
13	Egg candling
14	pH of cold drinks
15	Model display: Plant cell and animal cell model
16	Model display: Circulatory system working model

OUTSIDE BIOTECHNOLOGY LAB (CORRIDOR)	
17	Flavoured Yogurt
18	Butter tasting
19	BP and Stethoscope

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ANIMAL TISSUE CULTURE LAB (10 MIN)	
20	ATC lab tour
21	Slide of stages of Mitosis
22	Slide of Differential Count
23	Fixed slide display: Human cell under microscope

PSYCHOLOGY LAB (30 MIN)	
1	Test your Personality (3-4 different tests)
2	Problem solving & decision making games (5-6 games)
3	Cognitive experiments (3 experiments)
4	Social Psychology experiments on ground floor (3 different experiments- one at a time)

WHAT NEXT?

Plan your Academic future by selecting a career best suited to you, from various options. The Department of Lifelong Learning & Extension (DLLE) of our College has organized a Career exhibition in collaboration with Science Mela presenting different careers. Come and interact with our students who will give you an overview on the different careers and courses offered by us which you can aim for.

Venue: VESASC, Stilt Area

HOW TO REACH US?	
<p>VIVEKANAND EDUCATION SOCIETY'S COLLEGE OF ARTS, SCIENCE AND COMMERCE (AUTONOMOUS) Sindhi Society, Chembur (East), Mumbai 400 071, Maharashtra, India https://ves.ac.in/vesasc/ +9122 25227470 / 25284132 / 9324291686</p> <p>From Chembur Station (East) - Bus No. 8, 92 to Swastik Park Bus Stop From Kurla Station (East) - Bus No. 432 to College From Kurla Station (East) - Bus No. 369, 501, 431 to Bhakti Bhavan Bus Stop https://tinyurl.com/vesasc-map</p>	

Scan to Register



"A science exhibition is a celebration of human curiosity, a showcase of our relentless pursuit of understanding and creativity"

Science Mela, an inter-departmental event was organized by Vivekanand Education Society's College of Arts, Science and Commerce (Autonomous) on Jan 19 and 20 January, 2024. In line with an important objective of the National Education Policy (NEP), to promote critical thinking and creativity. School and Junior College students were invited to visit the college and see the exhibits. More than 600 school students from various Schools and colleges visited the college over two days. Science Mela helped to popularize science and promote scientific temperament amongst young school students and allowed school and Junior college students to see well established Science laboratories of VES College. Furthermore, students were sensitized to different green initiatives namely Wrinkles Acche Hai (WAH) and Save Soil initiative. All students shared exhilarating experiences about exhibits and it gave us a feeling of satisfaction towards this extension activity and zeal to further propagate the scientific temper among the future generations and become part of the Nation Building.

Science Mela provided an opportunity for students to showcase their talent through their innovative projects. Science Mela provided a platform for students to showcase their innovative ideas by devising 100+ creative projects and working models based on various concepts in the subject area of their study. Departments namely, Physics, Chemistry, Microbiology, Biotechnology, Mathematics, Computer Science, Information Technology, Artificial intelligence, Data Science and Data Analytics, Psychology and E-commerce participated in the exhibition.

"Scientific exploration is the intrepid journey into the unknown, where each question is a compass, and every discovery expands the map of human understanding, revealing the uncharted realms of knowledge awaiting our intellectual voyages"





व्हीईएस महाविद्यालयात विज्ञान मेळा

मुंबई: नवीन राष्ट्रीय शैक्षणिक धोरणातील महत्त्वाच्या उद्दिष्टांच्या अनुषंगाने आणि विद्यार्थ्यांमधील सर्जनशील विचारांना प्रोत्साहन देण्यासाठी चेंबूर येथील विवेकानंद एज्युकेशन सोसायटीच्या कला, विज्ञान आणि वाणिज्य (स्वायत्त) महाविद्यालयातर्फे नुकतेच दोन दिवसीय आंतरविभागीय 'विज्ञान मेळा'चे आयोजन करण्यात आले होते. विविध शाळा व महाविद्यालयांतील ६०० हून अधिक विद्यार्थ्यांनी सहभाग नोंदविला.

विज्ञान मेळात विद्यार्थ्यांना प्रामुख्याने 'ट्रिन्कल्स अच्छे है' (डब्ल्यूएच) आणि 'सेव्ह



सॉइल' यांसारख्या विविध हरित उपक्रमांबद्दल माहिती देण्यात आली. यावेळी विद्यार्थ्यांनीही विज्ञानासंबंधित स्वतःच्या कल्पना व विज्ञान मेळातील अनुभवाचे कथन केले. भौतिकशास्त्र, रसायनशास्त्र, सूक्ष्मजीवशास्त्र, जैवतंत्रज्ञान, गणित, संगणकशास्त्र, माहिती तंत्रज्ञान, कृत्रिम बुद्धिमत्ता,

डेटा विज्ञान आणि डेटा विश्लेषण, मानसशास्त्र आणि ई - वाणिज्य विभागांनी या विज्ञान मेळात सक्रियपणे सहभाग घेतला होता. विविध संकल्पनांवर आधारित विद्यार्थ्यांचे १०० हून अधिक नावीन्यपूर्ण प्रकल्प व क्रियाशील नमुना प्रतिकृती मांडण्यात आल्या होत्या.