



Vikrant Group of Institutions, Indore

Approved by All India Council for Technical Education, New Delhi

Affiliated by Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal and Davi Ahilya Vishwavidyalaya, Indore

Campus: Village- Borkhedi, Mhow, Dist-Indore, Behind Veterinary College AB Road Indore (MP) - 453441

Contact- +91-88889995932/43/45, E-Mail- info@vitmindore.com, Website- www.vitm.edu.in

“EUREKA 2022- An Inter School Competition cum Exhibition in Science and Technology (Model and Projects)

What is Eureka?

For Innovative Competition amongst young students, the VIKRANT GROUP OF INSTITUTIONS is organizing a Science and Technology Fair in its Indore campus. This fair will provide a platform to innovative students studying in classes IX, X, XI and XII in various schools to accept the challenge and participate in competition to win a cash prize of the values as mentioned below. Contestants are encouraged to form team's maximum of 4 students and work together to win cash prizes.

What is the Aim of Eureka?

The aim of Eureka is to ignite the hidden talent of young students, who have a lot of innovative ideas, but are not able to convert them into reality due to several reasons such as lack of money, guidance and/or time. The Vikrant group of institutes may try to go for patent and commercialization of the deserving model, from an innovation stage from bench top to market. Our hope is that the school/student community at large will come together and, through this competition, provide a means to move many of our technologies further up the value chain and into the marketplace. Concrete potential outcomes include new employment opportunities, improvements in peoples' lives, and wealth creation that will be reciprocated throughout our region.

Who can participate?

- The contest is open to the students, forwarded by the Principals of schools.
- Participants will be allowed to join only one team.
- Participants must be a student of any class from IX to XII.
- Teams will be required to be headed (team captain or team representative) by one of the faculty of the school as decided by the Principal of that school, who will act as a contact person with the Competition organizers.



Vikrant Group of Institutions, Indore

Approved by All India Council for Technical Education, New Delhi

Affiliated by Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal and Davi Ahilya Vishwavidyalaya, Indore

Campus: Village- Borkhedi, Mhow, Dist-Indore, Behind Veterinary College AB Road Indore (MP) - 453441

Contact- +91-88889995932/43/45, E-Mail- info@vitmindore.com, Website- www.vitm.edu.in

- Participants authorize the Competition organizers to contact them via email. The email address will not be disclosed to the third party.

Registration Details:

- The last date of registration is 10th Nov., which will not be further extended.
- The registration fee will be Rs. 500/- per model per team.
- The Registration will be confirmed only after receiving the REGISTRATION FEE along with FORM, which can be submitted online and hard copy both.

Registration Disclaimer

- The Competition organizers will not engage in, nor will be held responsible for, managing internal team disputes. Any and all disputes or disagreements between or among team participants must be resolved by said participants themselves, acting reasonably.
- Indiscipline displayed by the team members in terms of vulgar, explicit or inappropriate content (collectively “Offensive Content”) will lead to the immediate dismissal of the entire team from the event.
- If a team is dismissed, the members of the dismissed team will not be permitted to re-enter the competition in different teams. All decisions of the Competition organizers will be final.
- Judges’ decisions will final and not a subject to review

Following students may not participate in the Competition:

- Employees of the competition organizers and their immediate family members
- People who have been involved in organizing the Competition, and their immediate family members
- People who have a conflict of interest or may be perceived to have a conflict of interest (especially interns and apprentices still working for the participants or employees of the same organizations as the judges) and Scores rendered by the judges will not be disclosed to the Competition participants.

How to participate:

- Eligible candidates can participate in EUREKA by filling an online form located at: www.vitm.edu.in or scan QR code provided in the official poster of EUREKA or submit a hard copy.



- To Complete the registration process candidate have deposited the registration fee of Rs. 500/-
- Any entry form that is incomplete or that contains inaccuracies will not be processed and will result in the automatic disqualification of the team in question.
- The team members will be required to compete using their true identities. The Competition organizers reserve the right to carry out all checks that may be necessary in this regard.
- Entries are accepted from a solo contestant or from a team of maximum four members.

Submission Requirements

Each team participating in the competition is required to submit the following items for the consideration of the judges:

The Project Report: The project report should highlight

- (a) About the team
- (b) The innovative ideas
- (c) The narration of the problem
- (d) The Stage of the Solution
- (e) The solution based upon what fundamentals of the Science otherwise the Technology used.



Vikrant Group of Institutions, Indore

Approved by All India Council for Technical Education, New Delhi

Affiliated by Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal and Davi Ahilya Vishwavidyalaya, Indore

Campus: Village- Borkhedi, Mhow, Dist-Indore, Behind Veterinary College AB Road Indore (MP) - 453441

Contact- +91-88889995932/43/45, E-Mail- info@vitmindore.com, Website- www.vitm.edu.in

The report should be mailed (soft copy) by 10th Nov., 2022. And the hard copy (four in number) should be made available to the judges during the evaluation on 16th Nov. 2022

The Posters: Illustrating the problem and flow diagram for the solution.

The Model: A working proto-type model or otherwise.

Selection Procedure:

The organizers will try their best to appoint 3 to 4 judges of *National Fame* from *IITs, NITs, and / or RESEARCH LABORATORIES, Industry Person* etc. to evaluate and select the projects / models for award.

Following procedure will be adopted by the judges:

- There will be 5 criterions to evaluate the project / model.
- Each criterion will carry 10 marks.
- Each judge will independently evaluate the PROJECT REPORT, POSTERS and MODEL, if submitted, according to the framework of the criterion and award the marks out of 10 and total them. This total will be out of 50.

Submission deadline:

- Last Date of Registration and Payment 10th Nov, 2022 which will not be further extended.

Important Dates

- Thursday, 10th Nov-2022 Last date for Registration
- Wednesday, 16th Nov-2022 Grand Finale and Exhibition

Theme- Science & Technology

1. Technical

- Robotics
- Automation
- Machinery



Vikrant Group of Institutions, Indore

Approved by All India Council for Technical Education, New Delhi

Affiliated by Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal and Davi Ahilya Vishwavidyalaya, Indore

Campus: Village- Borkhedi, Mhow, Dist-Indore, Behind Veterinary College AB Road Indore (MP) - 453441

Contact- +91-88889995932/43/45, E-Mail- info@vitmindore.com, Website- www.vitm.edu.in

- Mechanist
- Telecommunications
- Applied Science
- Computer
- Artificial Intelligence
- Machine Learning
- Internet of Things

2. Environment & Health

- Energy resource and conservation
- Waste water treatment
- Anti pollution model
- Global Warming
- Solid Waste Management
- Applied Science
- Rain Water Harvesting
- Agriculture
- Bio-Medical
- Any Other (Participants need to Specify during registration)

Submission Requirements:

- Each team participating in the competition is required to submit a project report on or before 10th Nov. - 2022
- Report should contain contestant name, class, school name and project name.

Judgment Criterion

- Creative imagination, Originality and innovations in the model.
- Scientific and / or technical thought and approach
- Utility and Economics of the model in terms of cost



Vikrant Group of Institutions, Indore

Approved by All India Council for Technical Education, New Delhi

Affiliated by Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal and Davi Ahilya Vishwavidyalaya, Indore

Campus: Village- Borkhedi, Mhow, Dist-Indore, Behind Veterinary College AB Road Indore (MP) - 453441

Contact- +91-88889995932/43/45, E-Mail- info@vitmindore.com, Website- www.vitm.edu.in

- Eco-friendly and Solution to Existing Social Problems
- Presentation (Demonstration & Explanation)

Prizes

The team, awarded the prize, in accordance with the criteria set by the Jury, the amount will be given to the school in the form of the cash / cheque / bank transfer, as the case may be. The Principal of the school shall be responsible to distribute the prize money equally amongst the team members.

If the event is a tie, the prize money could be awarded proportionately between or among the tying teams.

Details of the Cash Prize that will be awarded to the winners:

- **I Prize: - Rs. 21,000/-**
- **II Prize: - Rs. 15,000/-**
- **III Prize: - Rs. 10,000/-**
- *And many more prizes in other categories*




Participants may get the opportunity for followings:

- Winners of EUREKA 2022 can participate in National Level competitions such as CBSC Science Exhibition 2023 / NCERT 'Jawaharlal Nehru National Science Exhibition for Children' or CSIR Innovation Award for School Children (CIASC-2023).
- Winners of EUREKA 2022 can have the opportunity to participate in IISc Open Day 2023.
- Winners of EUREKA 2022 can be offered scholarships to study engineering at VGI with placement assistance Or Help Winners on patent filing.
- Certificates will be provided to all the participants.
- Winner can get the mentorship and Guidance to develop their project at Vikrant Incubation Center Indore.
- Winner can participate in UDAAN 3.0

Glimpses of Eureka 2019

- The Eureka 2019 was first organized by Vikrant Group of Institutions, Indore For Innovative Competition amongst young students.
- This competition has provided a platform to innovative students studying in higher secondary classes in various schools.
- Around 50+ schools, with approx 80 teams, consisting of more than 350 participants and 2000 plus audience turned up and visited to be an eye witness of a grand success of Eureka 2019.
- Eureka was inaugurated by Mr. Puneet Agarwal (Director PATH)
- Winners of this event received the prizes from our Chief Guest Shri Govind Singh, Ex-minister of Madhya Pradesh.
- Apart from these, many prizes were sponsored by various Industries in different sectors.
- For videos and more glimpses of Eureka 2019 please visit:

<https://www.youtube.com/watch?v=nBTsRhZEyRQ>

		
<p><i>First prize of Rs. 21000/- won by Delhi Public School Indore.</i></p>	<p><i>Second prize of Rs. 11000/- was given to Shri Sai Academy, Mhow.</i></p>	<p><i>Third prize of Rs. 5000 was capture by St. John School, Rau</i></p>



Vikrant Group of Institutions, Indore

Approved by All India Council for Technical Education, New Delhi

Affiliated by Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal and Davi Ahilya Vishwavidyalaya, Indore

Campus: Village- Borkhedi, Mhow, Dist-Indore, Behind Veterinary College AB Road Indore (MP) - 453441

Contact- +91-88889995932/43/45, E-Mail- info@vitmindore.com, Website- www.vitm.edu.in

Intellectual property Rights

All intellectual property rights in all presentations and submissions will be automatically transferred and assigned in full, free of charge, to the Vikrant Group of Institutions for its sole and exclusive use upon submission of the application. Winning teams will have the option to initiate licensing discussions for their technology with appropriate authorities in India.

Eureka 2022 Disclaimer

These rules and regulations will guide the Jury to decide the Prize Winners. However, the Competition organizers have the right to modify all or part of the Contest Rules at any time and for any reason without incurring any liability.

To Know More:

Call- Dr. Sandeep Shukla +91-84357-11111, Prof. Jitendra Singh Dodiya +91-91310-89055

Email- eureka@vitmindore.com

Visit- www.vitm.edu.in

Campus- Village- Borkhedi, Mhow, Dist-Indore, Behind Veterinary College AB Road
Indore, (MP) - 453441