

## Registration Process

Registration can be done online by visiting this link

<https://tinyurl.com/DTEVITProject>



Scan the QR Code using your Smartphone

## Prizes

**First Prize** ₹10000/-

**Second Prize** ₹ 7000/-

**Third Prize** ₹ 5000/-

## Important Dates

Sr. No.	Activity	Date
1	Last date of Project Registration	1 March 2022
2	Date of uploading Video on You Tube	10 March 2022
3	Declaration of Results (Selection Round)	15 March 2022
4	Final Round	25 March 2022

## Chief Patron

**Dr. Abhay E. Wagh**  
Director  
DTE, Maharashtra State

**Shri. Vishwas Deshpande**  
Managing Trustee,  
Vidyalankar Dnyanapeeth  
Trust

## Patron

**Shri. Pramod Naik**  
Joint Director,  
DTE Maharashtra

**Shri. Milind Tadvalkar**  
Director ,  
Vidyalankar Dnyanapeeth  
Trust

## Organizing Committee

**Dr. Jitendra . R. Nikhade**  
Assistant Director (Technical)

**Dr. S.A. Patekar**  
Principal, VIT

**Mrs. Sharvari Dhepe**  
Assistant Director (Technical)

**Prof. Varsha Bhosale**  
Vice Principal, VIT

**Mr. Yogesh Baliram Jamnik**  
Officer on Special Duty

**Dr. Saurabh Mehta**  
Chief Academic Officer, VIT

**Mrs. Sadaf R Suryawanshi**  
Officer on Special Duty

**Prof. Shrikant Velankar**  
Organizing Secretary-  
Tantravihar

## Convener & Coordinators

Contact Details

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## Tantravihar-2022 Project Competition

**Directorate of Technical Education (DTE)  
Maharashtra State**

&

**Joint Director Technical Education,  
Regional Office , Mumbai**

In collaboration with

**Vidyalankar Institute of Technology  
(VIT)**

**Friday, 25 March, 2022**

Venue: VIT Campus



**JOINT DIRECTOR TECHNICAL EDUCATION,  
REGIONAL OFFICE , MUMBAI**

1st Floor, New World Bank Project Building, Government Polytechnic Campus,  
49 Kherwadi, Aliyawar Jung Marg, Bandra ( East), Mumbai, 400 051

**VIDYALANKAR INSTITUTE OF TECHNOLOGY**

Vidyalankar College Marg, Wadala (East) Mumbai-400 037

[www.vit.edu.in](http://www.vit.edu.in)

## Directorate of Technical Education, Maharashtra

Aim of Directorate of Technical Education, Maharashtra is to maintain and enhance the standard and quality of technical education by laying policies, establishing and developing Govt. institutions, guiding and supervising the aided and private institutions, interacting with industry, and national level institutions and coordinating with other departments of the State Government, Government of India and Statutory Organizations and to contribute to the development of industry and society at large

### Joint Director, Technical Education Regional Office, Mumbai

Joint Director, Technical Education Regional Office, Mumbai is working under Directorate of Technical Education, Maharashtra with the objective of maintaining the administrative control over the institutions in Mumbai division. The role of Regional Directorate is to support the Directorate in maintaining the quality of technical education by overseeing the functioning of Government aided and unaided institutions under the directorate.

### About Vidyalkar Institute of Technology

Vidyalkar Institute of Technology (VIT) is an 'A' grade Engineering degree college approved by the AICTE, the DTE (Maharashtra), and affiliated to the University of Mumbai. Institute is accredited **A+ by NAAC** and has three UG courses **Accredited by NBA**.

VIT conducts UG Engineering courses in Information Technology, Computer Engineering, Electronics Engineering, Electronics and Telecommunication Engineering, Biomedical Engineering. The Institute also conducts PG Engineering courses in Information Technology, Computer Engineering and Electronics and Telecommunication Engineering. It also conducts PG management course in Masters of Management Studies. Institute also offers Doctoral Program (Ph.D.) in Computer Engineering



## Tantravihar-2022

### **Introduction**

The frontiers of education are changing every day. We are moving from the knowledge based society to a society of innovation and thus research becomes one of the most important components of higher education. Today, one of the indices for the measurement of the potential of any educational institution is its research activity. All stakeholders namely students, teachers and other entities in the higher educational institutes should be enthused to engage themselves in research at various levels. The activity will help to develop skill, review new dimensions of explored areas of knowledge as well as the unexplored areas of enquiry.

It shall be the collective responsibility of Regional Office, Mumbai and all the Institutes to sensitize the students and teachers about the convention and build confidence among them to participate in the Project Competition.

### **Objectives**

- To identify the hidden innovative talents and capabilities of students.
- To provide opportunities for inculcating research attitude in the students.
- To explore the active student centred paradigm of education.
- To open new channels of scholarly research between faculty and students.
- To excel active learning standards of research.
- To develop personality and communication skills among the students.
- To produce a research scholars commensurate with the need of future.
- To promote the interaction among the students for the exchange of various aspects of research by organizing collegiate and inter-collegiate research activities.
- To encourage the students to participate in research activities at inter-collegiate, district, university and state levels.
- To felicitate and recognize students' achievements by offering awards and honours.
- To provide financial assistance in the form of fellowship /scholarship to the selected researchers and teachers for innovative research development.

### **Guidelines for the Construction of Model**

- The model may be working or non-working.
- It is advised to use non-polluting or environment friendly materials for preparation of non-working model.
- More weightage is to be given for working model.
- Communicate the additional facilities (table, chair, electricity points, etc.) required for the display of the model to the organizing college and Department of

## **Instructions & How to Apply**

**Registration fees for the Event is ₹500/ per team**

1. **Team can be of minimum 2 and maximum 5 students. Individual entries will NOT be accepted.**
2. **Team Leader will have to fill the online registration form.**
3. Participation e-Certificates will provided to each member of all the qualified teams on their personal email-ids provided by them.
4. Students should prepare a video of their project's demonstration. They may use screen recording of their slide presentations and demonstrations of their software projects, video demonstrations of their outputs for physical/ hardware projects and their own scripts' video recordings.
5. All these should be merged in a single video of 5-10 minutes.
6. Video must include introduction of the team members along with their Institute name and their location.
7. The link of the video should be provided while filling up the online registration form.
8. The video should be uploaded on their own YouTube Channel under Creative Commons License and with the hash tag as "#MumbaiRegionOnlineProject".

### **For Participating Institute:**

**Every Institute shall scrutinize and identify the BEST INNOVATIVE PROJECTS in their institute & recommend the same for the Competition.**

The project shall be application based design and fabrication/practical/ /implementation/application.

The project team shall be asked to demonstrate the project.

Scrutiny Committee will identify the Best 25 Entries for Project Exhibition, the exhibition will be Online/Offline mode.

A panel of Experts will identify TOP THREE among which winner & runner will be declared up in the competition.

### **Choice of Technology:**

- Social Impact of the project.
- Eco-Friendly/Best use of available Resources &Material.
- Prototype/Working Model/Virtual Model/Mockup model.
- Aesthetic and completeness of project.
- Ingenuity and Innovativeness.
- User Friendly.
- Functionality.