

How to apply

Participation in the ScienceCon is by invitation. All Eklavya schools in Maharashtra will participate in the event.

Every participating Eklavya school would nominate **25** students from **class VII to IX** and **4 science teachers** who would accompany students, as well as participate in teachers' panel discussion.

Students should provide about 100-word abstract in Marathi/Hindi/ English of his/her Research Work/ Innovative Ideas/ Models.

There is no registration fee for students and accompanying teachers.

Selected students and accompanying teachers will be provided free lodging and boarding for the period of the conference and train/bus fare as per **government rules**.

A copy of the application form, which can be duplicated, is attached. The form can also be downloaded from the MAMB website. The application should reach by post or email to the Academy by January 14, 2019.

Address for correspondence

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Program Director, Tribal Educational Program

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Announcement



Organizer

Tribal Research & Training Institute, Pune
TDD, Government of Maharashtra

&

Moving Academy of Medicine & Biomedicine,
Pune



Eklavya ScienceCon

Venue:

The Shree Chhatrapati Shivaji Sports Complex, Balewadi,
Pune

January 28 - 30, 2019

Creative minds, who are game-changers, are evenly distributed in all societies irrespective of caste, creed, race, geographic location, and socio-economic status. On that count, a tribal or an elite school would have the same proportion of talented/creative minds. **Eklavya** is one such iconic figure of the former.

There are thousands of **Eklavya's** in India. To bring out their full potential and broaden intellectual horizon, they need to be nurtured right from childhood. Whereas considerable resources are spent on the elite schools, tribals are still highly neglected and marginalized.

With this in mind, the Academy and Tribal Training and Research Institute, Pune have been running a number of programs to nurture science talent. The programs are sponsored by the Tribal Development Commissionerate, Nashik from the last few years.

As an **extension** of the programs, it is planned to host jointly the first "**Eklavya ScienceCon**" (**Science conference for Eklavya School Students**) on January **28-30, 2019** in The Shree Chhatrapati Shivaji Sports Complex, Balewadi, Pune.

Participation in the conference is by invitation. All Eklavya schools in Maharashtra will participate in the conference. Each school will nominate 25 students from class VII to IX. Outline of the scientific program is given in the adjoining page. The participating school are expected to prepare their students for various sessions. There will be also a special panel discussion for the accompanying teachers to elicit their views about the initiative and teaching of science and mathematics as a whole.

To define the role of each school a video conference will be held in 14 January 2019. .

Program outline

1. Science exhibition:

- **S&T Models by Eklavya Schools**
- **Posters: Student Research**
- **MAMB: Tribal research & training programs;**
 - ❖ **Experiential learning**
 - ❖ **Technology workshops**
 - ❖ **Mobile science laboratory**
- **'Pre-skill' workshops;**
 - ❖ **Basics of electricity,**
 - ❖ **Basic Tools,**
 - ❖ **simple gadgets,**
 - ❖ **Introduction to Computers, Biotechnology,**
 - ❖ **Solar Energy**

2. S &T Quiz competition:

- **Knowledge beyond text books**

3. Presentations by students;

- **Research Papers; Innovative Ideas**

4. Expanding Knowledge Frontiers

- **Interactive Sessions with Leading Scientists:**
 - ❖ **Indian space program,**
 - ❖ **Protecting our environment**
 - ❖ **Cancer,**
 - ❖ **Our Sky,**
 - ❖ **Genes**

(These are just few examples)

5. Meet professors:

- **Informal highly interactive dinner group discussions with leading scientists, physicians and Tribal Icons about their life time experiences**

6. Panel discussion: S&T teaching

- **Students : Expectations**
- **Teachers: Improvement**

(Medium of communication: Marathi/Hindi/English)