



# Report: ESG Science and Art competition 2018





The Exciting Science Group (ESG) organized "Science and Art competition" on Saturday, 13 October 2018 at IISER-Pune from 08.00 am to 12.30 pm. This competition was free and open to 5<sup>th</sup> to 10<sup>th</sup> grade students.

This was the sixth time, ESG organized "Science and art competition" for the students. This year, we received more than 350 entries from various schools across Pune and also from few other districts.

**Science and art, have certain aspects in common - imagination, ideas, innovation and creativity.**

The goal of this competition was to help students understand the correlation between science and art and offers them a platform to apply their imagination and creativity. It offered an excellent opportunity to students who are good in illustration to apply their artistic talents for scientific concepts.

**This competition was conducted in two groups:**

Group 1: Junior category: For 5<sup>th</sup> and 7<sup>th</sup> standard students

Group 2: Senior category: For 8<sup>th</sup> and 10<sup>th</sup> standard students

*For the competition, following topics based on Science and technology were given on the spot:*

**For junior category (5<sup>th</sup> to 7<sup>th</sup> std)**

1. If I were a scientist!
2. Climate change and its effects on living organisms
3. Science in nature around you

**For senior category (8<sup>th</sup> to 10<sup>th</sup> std)**

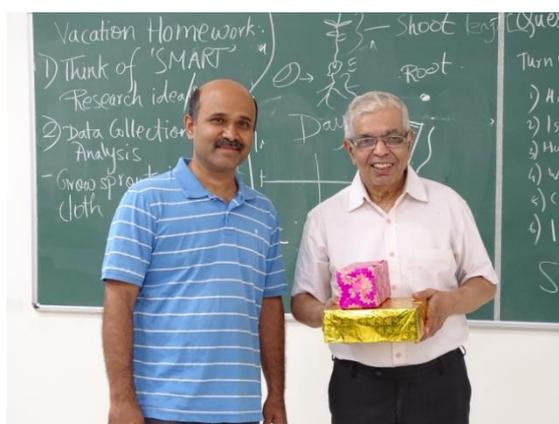
1. My dream discovery
2. Importance of Evolution for Society
3. Indian Agriculture in the year 2050

Prof Arvind Natu (IISER Pune) was invited as the chief guest for the event which was held at Smt Indrani Balan Science Activity Centre. Prof Natu felicitated the winners with the trophies and certificates. During the talk, Prof Natu highlighted how cutting edge technologies are inspired from Nature. He encouraged students to look into the nature and find scientific solutions to the complex problems. He advised students to look forward to do a career in basic sciences. The students were very happy to interact with him. Artist Jayanti Patil was a judge of the competition. ESG felicitated Prof Natu and artist Patil for their time and valuable contribution.

**Prof Natu addressing the students during the Science and Art competition**



**Dr Guru felicitated the chief guest, Prof Natu**



During the competition, all the participants received drawing sheet, certificate of participation from the Exciting Science Group. Participants and volunteers were also provided with refreshment during the event.

The winners were felicitated with trophies at the end of the competitions. Ms. Gayatri Kshirsagar handled the publicity, arrangements for an event and also overall coordination with the chief guest, judge, teachers, students, parents and volunteers. The volunteers helped in registration, distribution of drawing sheet, refreshments and feedback forms.

All the volunteers received certificate of appreciation and a small gift from the Exciting Science Group.

**The winners of Science and Art competition are as follows:**

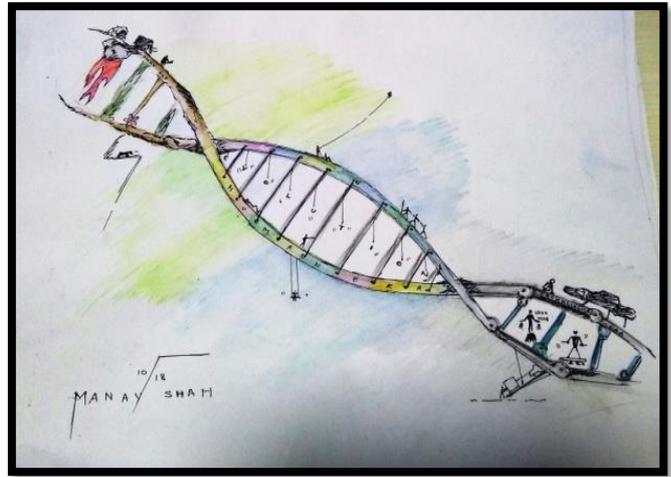
Sr No	Winners in Junior category	Schools	Topics
1	Surendra Kalbhor	Modern High School, Ganeshkhind	If I were a scientist!
2	Bhoomi Patil	City Pride School	Science in Nature and around You
3	Mayank K D	Army Public school	If I were a scientist!
4	Rama Deshmukh	SES Gurukul	Climate Change and its effect on living organisms

Sr No	Winners in Senior category	Schools	Topics
1	Aryaman Bhattacharyee	Delhi Public School	Indian Agriculture in the year 2050
2	Divyanshi Singh	Air force school	Importance of Evolution
3	Aarya Bhawsar	Modern High school	Indian Agriculture in the year 2050
4	Manay Shah	Delhi Public school	Importance of evolution for society

**Winners of ESG Science and Art competition 2018**







**The participants engrossed making drawings based on Science and technology**





### **What did the participants have to say?**

After the event, the school students were asked for their feedback and suggestions, the following are what they had to say:

*"Art is the first step towards innovation. This was a very unique and special idea. Looking forward to attend more such competition."*  
- **Trisha T : Akshara International school (8th std)**

*"It was a good competition. I am interested to come again. Thank you IISER for organizing such a good competition."*  
- **Satyam Pasalkar : Nanded City school (9<sup>th</sup> std)**

*"It is a good competition to promote ideas related to science and technology but the time should be given more."*  
- **Juhi Kamat : Delhi Public School (9<sup>th</sup> std)**

*"This competition is overall a great way of promoting science and technology through an art".* - **Shreya Jadhav : Delhi public school (10<sup>th</sup> std)**



**300+ students participated in the event**



## Press Coverage

### Sakal Times ( 15 October 2018 )

#### Science and art contest organised for children

ST Correspondent | Monday, 15 October 2018



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To motivate the students to understand the correlation between science and art, the Exciting Science Group (ESG), volunteer group of scientists from IISER Pune and CSIR-NCL, had organised 'Science and Art competition', for the students from Std V to X. It gave the students, who are good in illustration skills, a good platform, encouraging their thinking skills in scientific concepts.

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**Pune:** To motivate the students to understand the correlation between science and art, the Exciting Science Group (ESG), volunteer group of scientists from IISER Pune and CSIR-NCL, had organised 'Science and Art competition', for the students from Std V to X. It gave the students, who are good in illustration skills, a good platform, encouraging their thinking skills in scientific concepts.

Gayatri Kshirsagar, Associate, ESG, said, "This was the sixth time ESG organised this competition. Science and art are correlated, both are based on imagination, innovation and creativity. This year, we had received more than 300 entries from various schools across Pune and a few other districts. We have not only crossed the language barrier by opening the competition to the schools belonging to all the boards, but have also created a platform for the students to express their ideas about science through art."

Dr Arvind Natu (IISER Pune) was the chief guest for the event, which was held at the Balan Science Activity Centre. Natu also felicitated the winners of the competition. Highlighting how cutting edge technologies are inspired from nature, he encouraged students to look into the nature and find scientific solutions to the complex problems. He also advised students to look forward to a career in basic sciences as there is a bright future for the students, who will opt for research in basic sciences.



## Maharashtra Times ( 15 October 2018)

### महाराष्ट्र टाइम्स

#### ‘सायन्स आर्ट कॉम्पिटिशन’ला उत्स्फूर्त प्रतिसाद

Maharashtra Times | Oct 15, 2018, 04.00 AM IST

म. टा. प्रतिनिधी, पुणे

'मी शास्त्रज्ञ झालो तर... २०५० मधील भारतातील शेती...निसर्गातील विज्ञान...माझ्या स्वप्नातील शोध' अशा विविध विषयांवर शालेय विद्यार्थ्यांनी शनिवारी त्यांचे विचार मांडले. निमित्त होते, आयसर आणि सीएसआयआर एनसीएलमधील शास्त्रज्ञांच्या एक्सायटिंग सायन्स ग्रुपतर्फे आयोजित 'सायन्स आर्ट कॉम्पिटिशन'चे. पाचवी ते दहावीच्या विद्यार्थ्यांसाठी आयोजित स्पर्धेला उत्स्फूर्त प्रतिसाद मिळाला. विद्यार्थ्यांना कला आणि विज्ञान यांच्यातील परस्पर संबंधांची जाणीव व्हावी. त्यांच्यातील सर्जनशीलता, उपक्रमशीलता आणि संशोधनास चालना मिळावी यासाठी स्पर्धेचे आयोजन करण्यात आले होते.

या वर्षी पाचवी ते सातवीच्या गटासाठी 'मी शास्त्रज्ञ झालो तर', 'वातावरणीय बदल व त्याचा सजीवांवर होणारा परिणाम,' 'तुमच्या आजूबाजूला निसर्गात असणारे विज्ञान,' हे विषय देण्यात आले होते. आठवी ते दहावीच्या विद्यार्थ्यांसाठी 'माझ्या स्वप्नातील शोध' 'समाजासाठी उत्क्रांतीचे महत्त्व' आणि 'सन २०५० मधील भारतीय शेती' हे विषय देण्यात आले होते. आयसरचे प्राध्यापक डॉक्टर अरविंद नातू यांच्या हस्ते विजेत्यांना बक्षीस देण्यात आले. डॉ. नातू यांनी विद्यार्थ्यांना मार्गदर्शन केले.

स्पर्धेत पाचवी ते सातवीच्या गटात मॉडर्न हायस्कूल, गणेशखिंडच्या सुरेंद्र काळभोर याने प्रथम, सिटी प्राइड स्कूलच्या भूमी पाटीलने द्वितीय, आर्मी पब्लिक स्कूलच्या मयांक के डी याने तृतीय तर एसीएस गुरुकुलच्या रमा देशमुखने चौथा क्रमांक पटकावला. आठवी ते दहावीच्या गटात दिल्ली पब्लिक स्कूलच्या आर्यमान भट्टाचार्य याने प्रथम, एअरफोर्स स्कूलच्या दिव्यांशी सिंगने द्वितीय, मॉडर्न हायस्कूलच्या आर्या भावसारने तृतीय तर दिल्ली पब्लिक स्कूलच्या मनय शहा याने चौथा क्रमांक पटकावला.

'एक्सायटिंग सायन्स ग्रुपतर्फे आयोजित ही सहावी स्पर्धा होती. कला आणि विज्ञान यांचा परस्पर संबंध असून दोन्ही गोष्टी कल्पनाशक्ती संशोधन आणि सर्जनशीलतेशी संबंधित आहेत. त्याची जाणीव या विद्यार्थ्यांना व्हावी, यासाठी ही स्पर्धा आयोजित करण्यात आली होती. या वर्षी स्पर्धेला उत्स्फूर्त प्रतिसाद मिळाला असून तीनशेहून अधिक स्पर्धक सहभागी झाले होते,' असे एक्सायटिंग सायन्स ग्रुपच्या गायत्री क्षीरसागर यांनी सांगितले.