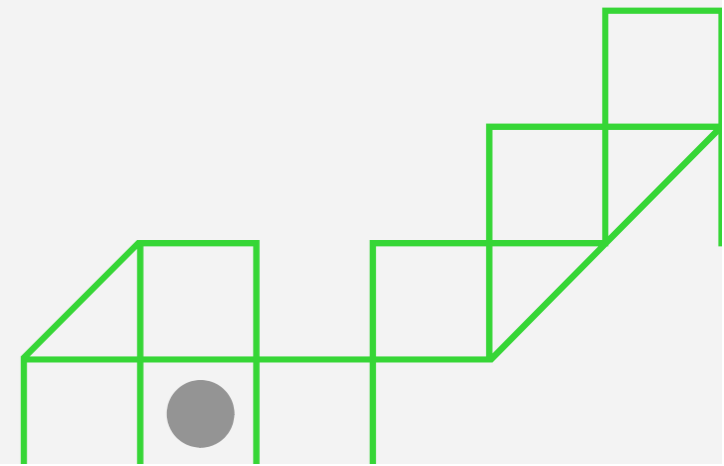
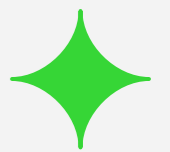
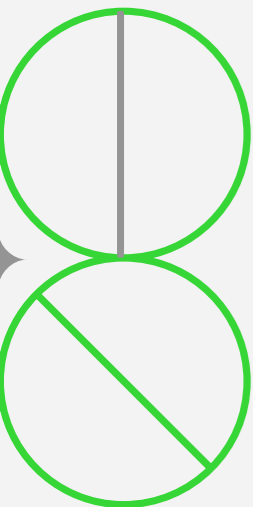


# **Chhote Kalam Science Project: Vidyodaya's Impact on STEM Education**



# CHHOTE KALAM SCIENCE PROJECT: OVERVIEW

In our increasingly technology-driven world, the importance of STEM (Science, Technology, Engineering, and Mathematics) education cannot be overstated. This project aims to enhance STEM education by introducing Problem Based Learning(PBL) technique as a learning tool. By integrating PBL into the curriculum, students will engage in hands-on learning experiences that foster critical thinking, problem-solving skills and creativity.

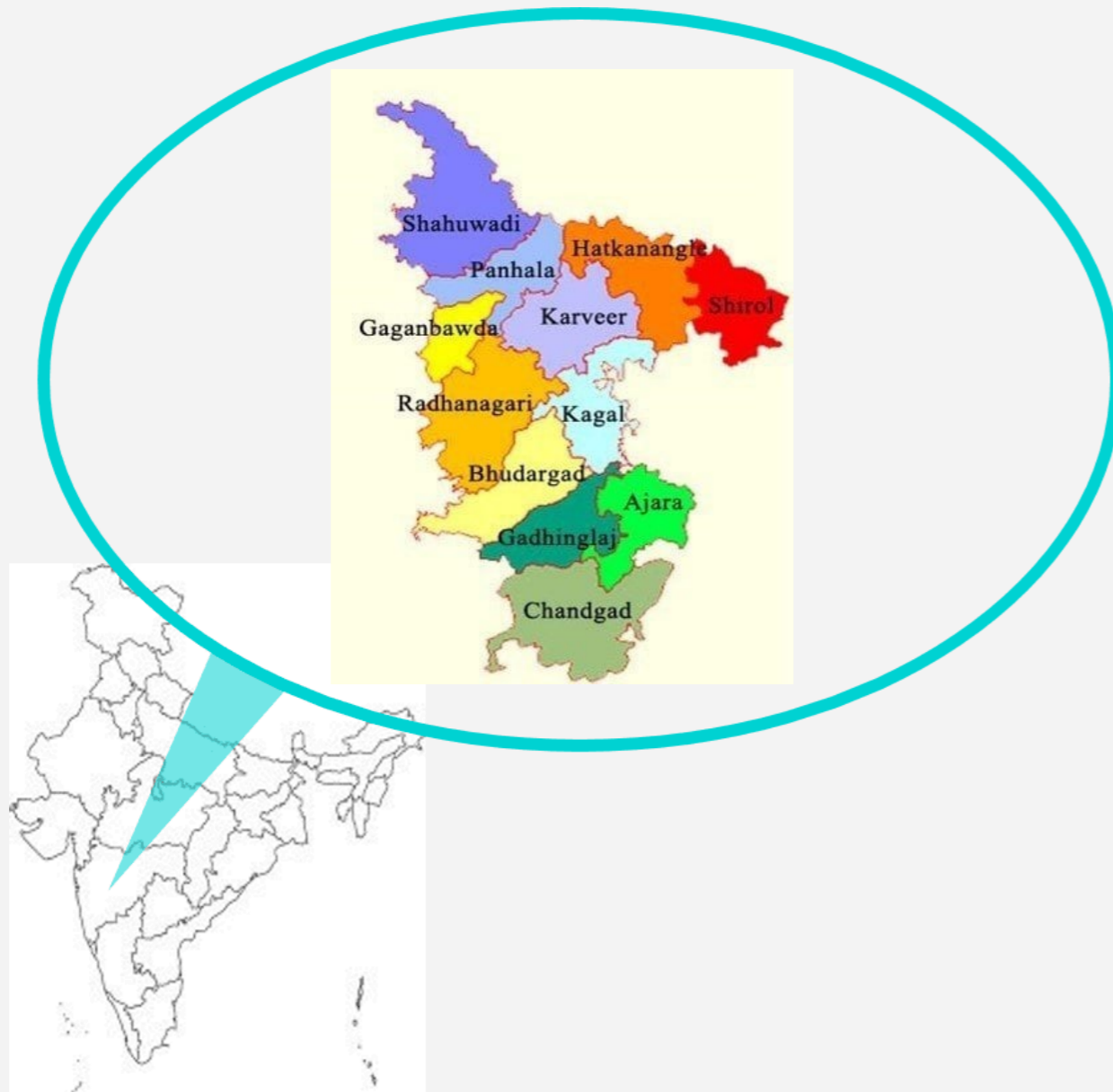


# OBJECTIVES OF THE PROJECT

- Introduce students to fundamental STEM concepts through PBL technique.
- Foster a deeper understanding of scientific principles and scientific temper among students.
- Develop students' critical thinking and problem-solving skills.
- Encourage collaboration, communication, and teamwork among students.
- Cultivate an interest in STEM fields and potential career paths.



# IMPACT GEOGRAPHY AT GLANCE - KOLHAPUR DISTRICT



**12**

**Blocks**

**60+**

**Schools**

**1600+**

**Children**

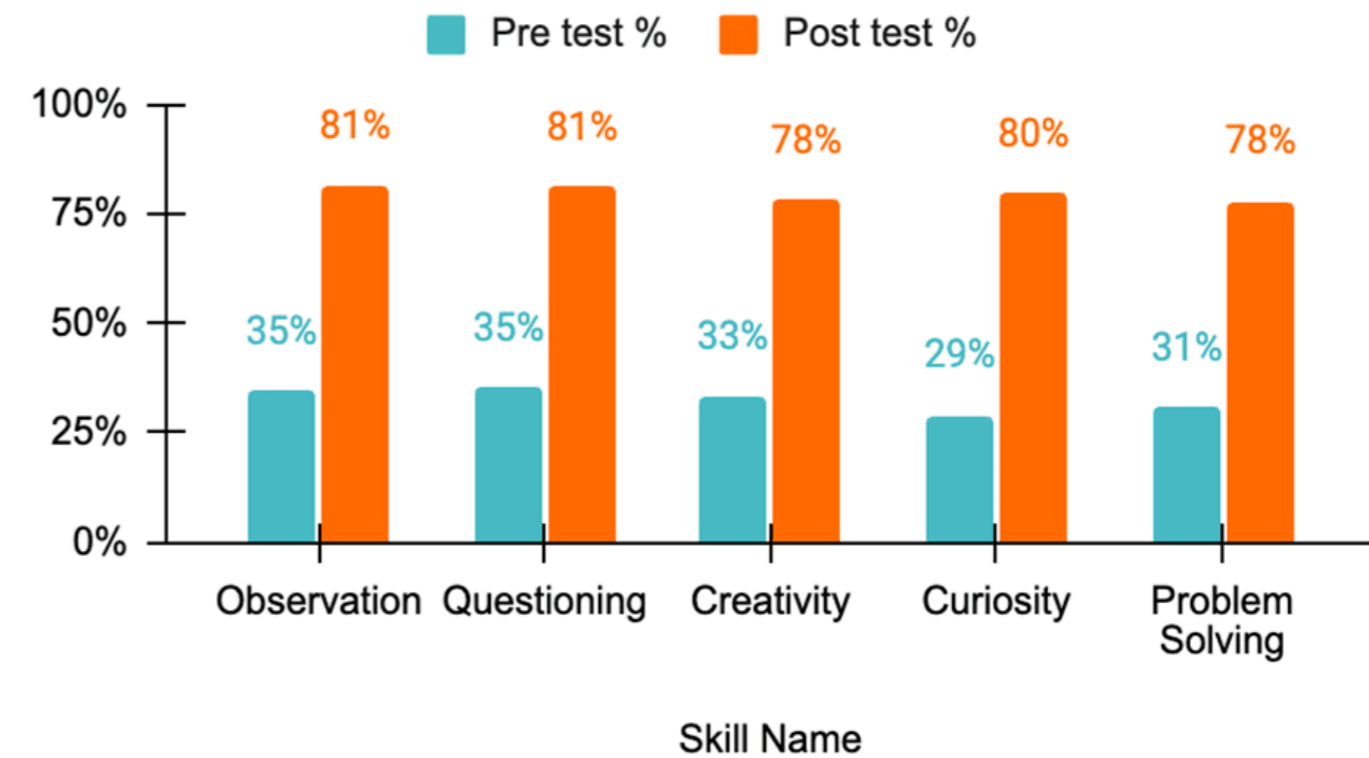


# Measuring Success: Outcomes and Impact

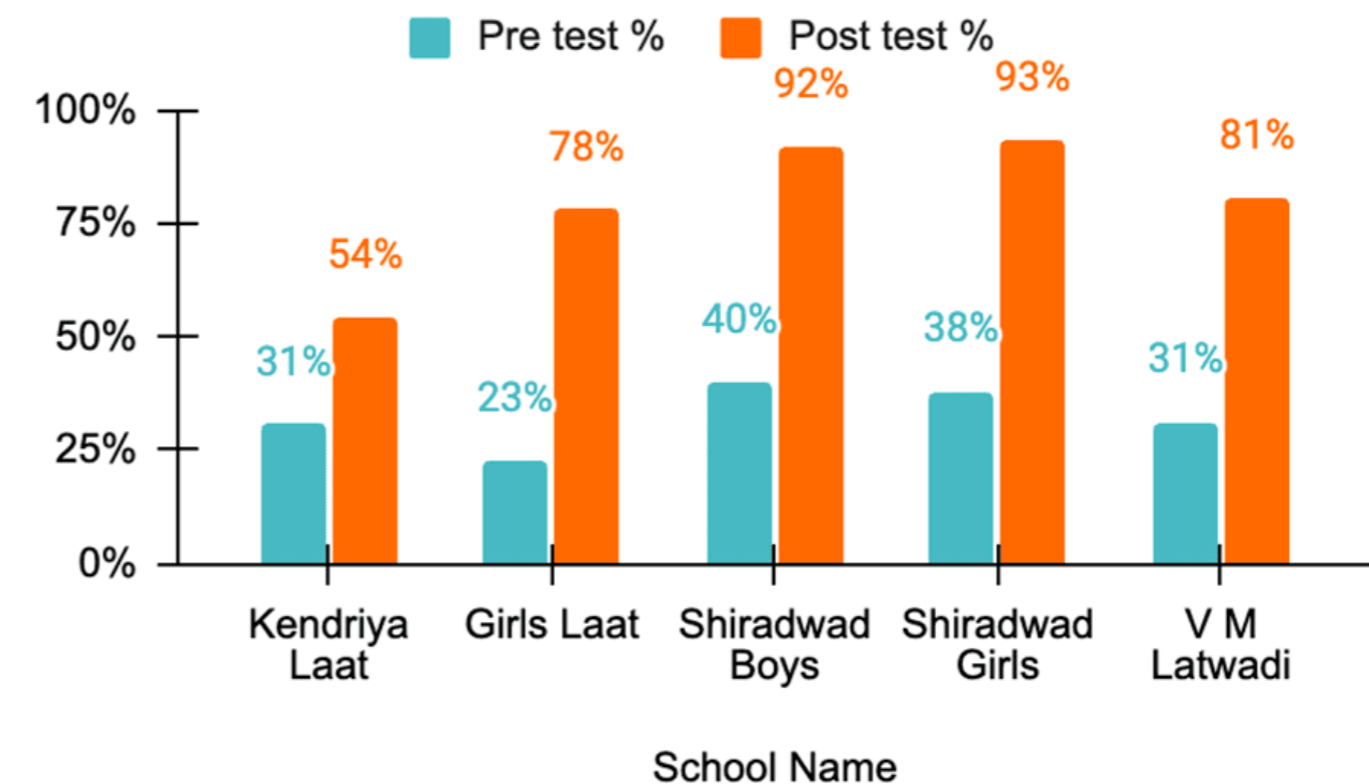


- Improved academic performance in STEM subjects.
- Increased interest and enthusiasm for STEM among students.
- Enhanced problem-solving, critical thinking, and digital literacy skills.
- Greater diversity and inclusion in STEM fields by reaching underserved communities.
- Long-term impact on career readiness and college preparedness.

Skill-wise improvement in students across 5 schools



School-wise improvement in students across 5 skills

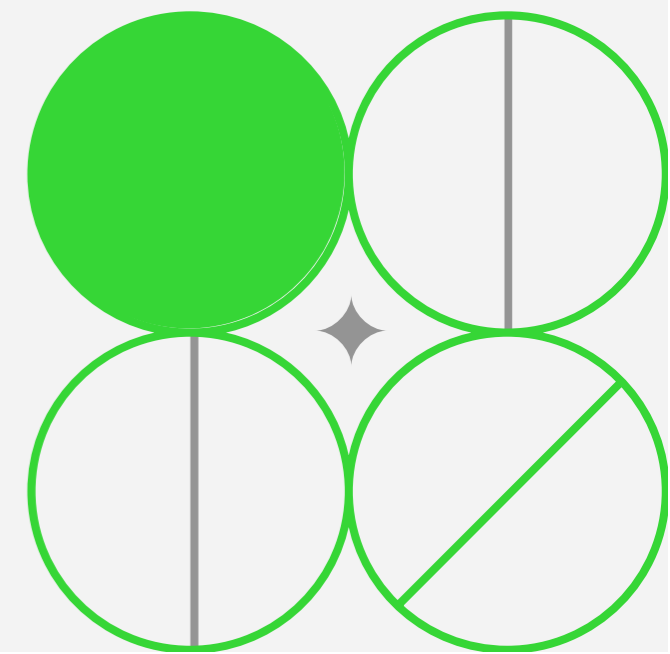
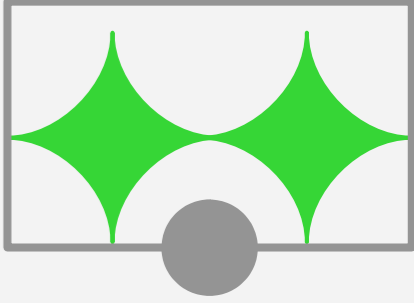






# FEATURES OF THE PROJECT

- \* Unique project for the region and government schools
- \* Facilitators are local women teachers
- \* Teacher training to the facilitators
- \* Capacity building of the facilitators
- \* Fellows under GSP (Gramin Shiksha Parivartan) Fellowship
- \* Collaboration with Government teachers
- \* Positive results in 3 months after evaluation of the project





# RISING STARS

In 2016, a spark ignited in rural Maharashtra with the Vidyoday Mukhtangan Parivar Foundation, aimed at nurturing scientific temper and curiosity among children like Snehal Neje. Starting with science skill schools in villages, the foundation grew into a hub of learning and exploration.

Snehal found her way in Chhote Kalam Science Project which is a milestone in Project's journey and received true validation of the relentless work of the foundation.



## OFFER LETTER

### Five-Year BS-MS Dual Degree Programme (2023)

Application number: 23043664 Channel: IAT Category: OBC-NCL

Name of the Candidate: NEJE SNEHAL SACHIN  
Address: 7/366 VETAL PETHICHALKARANJIKolhapurMAHARASHTRA416115

Dear NEJE SNEHAL SACHIN

With reference to your application number 23043664 for admission to IISERs, we are pleased to inform you that you have been selected for admission to the first year of the **Five-Year BS-MS Dual Degree Programme** in the academic year 2023-24 at **IISER Bhopal** in the admission category **OBC-NCL**.

Offer starts at	07 Aug 2023 08:00 PM
Offer ends at	09 Aug 2023 04:00 PM

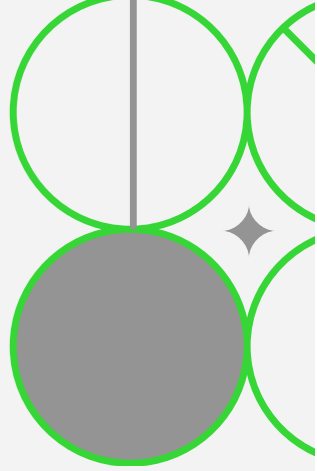
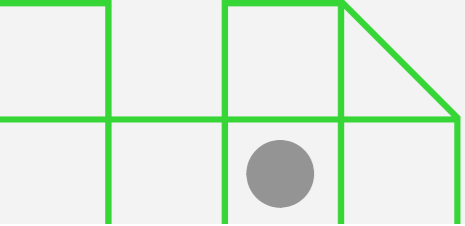
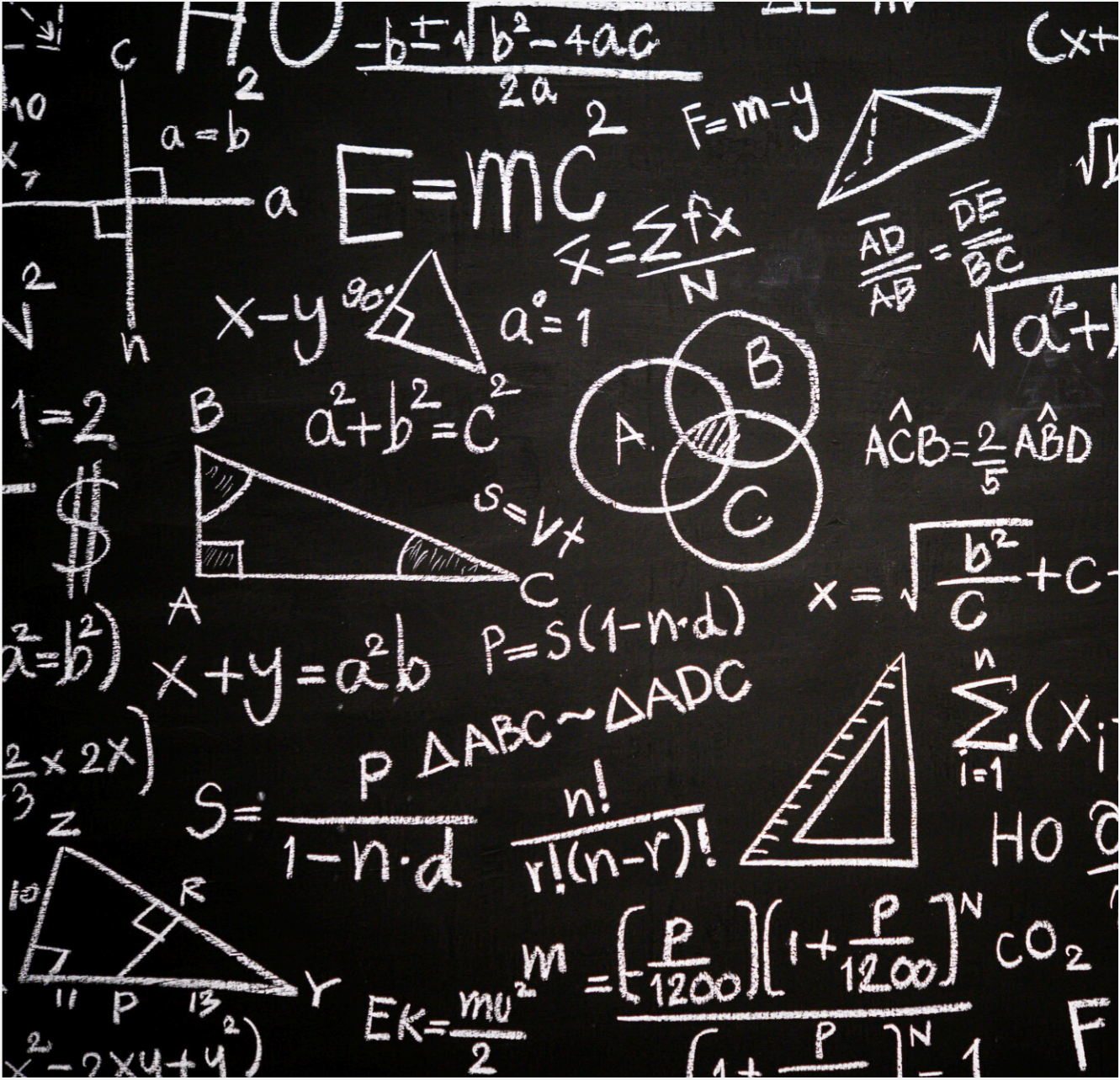
#### Note that the offer is provisional and subject to the following conditions.

1. You pay **Rs. 35000/- (Thirty Five Thousand rupees)** (Rs. 25000/- + Rs.10000/- (non-refundable administrative fee) as the Seat Acceptance Fee (SAF) for GEN/OBC/OBC-NCL/EWS/PWD/KM and Rs. 17500/- (**Seventeen Thousand Five Hundred rupees**) (Rs. 12500/- + Rs. 5000/- (Non refundable administrative fee)) for SC/ST. If you fail to pay the SAF before the offer expires (as shown above), your offer will automatically be cancelled. This SAF will be adjusted against the admission fee to be paid at the time of joining **IISER Bhopal**.
2. There is no cancellation fee, except bank charges if any, if withdrawal is made within stipulated date. However, a cancellation fee (non-refundable administrative fee) of Rs. 10000/- or Rs. 5000 /- (only for SC/ST candidates) is admissible if withdrawal is not exercised by the candidates within the specified withdrawal deadline. Please see the "fee and refund policy" as mentioned in <https://iiseradmission.in/admission/withdrawal.html>
3. You should meet all the eligibility requirements and produce required certificates in original as given below at the time of joining. This offer of admission would stand cancelled in the event of your non fulfilment of any of the eligibility requirements as mentioned in <https://iiseradmission.in/examination/eligibility.html>
4. If this is a revised offer letter after payment of SAF in previous rounds, ignore item 1. Your SAF will be adjusted against the fees to be paid at the IISER now allotted to you.



# NEED OF THE WORK AT GRASSROOTS

According to a national achievement survey (2017), the district secured 12th (out of 29 Districts) rank with 38.29% of textbook understanding of science concepts in government schools. So it shows the urgency of science based activity in Kolhapur district. In Kolhapur, the situation is not very different. Daily wage workers, who are parents of 50% of our students, are on the verge of losing their employment.





# THE WALL OF THE PROJECT



**VINAYAK MALI**

- Co-Founder & CEO
- Masters in Social work Elementary Education, TISS
- Wipro Fellow
- Experience 10 years



**SARSHA KUMBHAR**

- Bachelors in Statistics and Social Work (TMV, Pune)
- Program Manager and Human resource management.
- Experience 7 years



**RAJENDRA CHAUGULE**

- Bachelor's in science from Shivaji University
- Coordinator of the Project and Implementation.
- Experience 7 years



**VARSHA PATIL**

- Diploma in engineering, M.A. Education, TISS Mumbai .
- Curriculum Design
- Experience 7 years

# JOIN US!

**Address : Vidyoday Mukhtangan Parivar Foundation, Near Ganesh Temple,  
opposite Rajarshi Shahu Ground, Abdullat village, Tal. Shirol,  
Dist. Kolhapur, Maharashtra.-416115**

**Contact us : Vinayak Mali (+91 9420608084)**

**Mail us :**

**contactvidyoday@gmail.com**

**vinayakmali90@gmail.com**

