

→ CREATING



आत्मनिर्भर
शिक्षित
भारत

THE FUTURE OF INDIA

Education for a **Self Reliant India - Atmanirbhar, Shikshit Bharat**

21ST CENTURY SKILLS & STEM EDUCATION





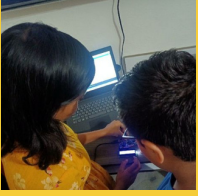
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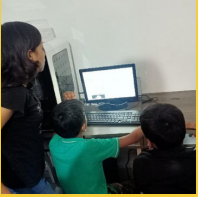
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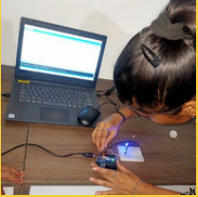
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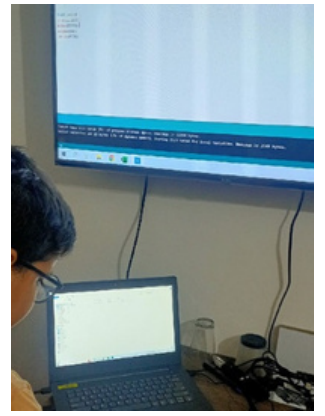
Atmanirbhar Shikshit Bharat

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The story behind

MBX - ORG



Learning How to Learn, is more important than Learning. Our Proven Methodology to use STEM Education to Train Children with 21st Century Skills, is enabling change at the bottom of the pyramid.

Data analytics show that by 2030 India would have the youngest population ready to take jobs, but it also shows a huge gap in training, skill and education, but it also shows while these people will be literate, they may not be ready for being employed.

MakersBox Foundation using its Integrated Curriculum, Research, Policy and Learning Spaces enables everyone in India to have access to Quality STEM Based Education, learn Tools and Technology of the 21st Century to ensure that our learners have learnt the art of learning, rather than just learning alone.

As per the New Education Policy 2020, the Gross Enrollment Ratio for Grades 6 to 8 stood at 90.9%, but fell down to as little as 56.5% when it came to grades 11th and 12th.

While schools have access to some amazing teachers, they have a gap when it comes to teaching new skills, or using project based learning methodologies.

Our approach of using real life problem solving, using tools and technology and skill training creates an environment that emphasises on the development of the creative potential of everyone involved

OUR VISION

Atmanribhar Shikshit Bharat

WE COULD NO LONGER BE ARMCHAIR ACTIVISTS SENDING OUT TWEETS AND WRITING ABOUT IT ON SOCIAL MEDIA, HOW WE NEEDED TO CHANGE, THE ONLY WAY TO SEE THE CHANGE WE NEEDED WAS TO ACT ON IT AND GET IT DONE."

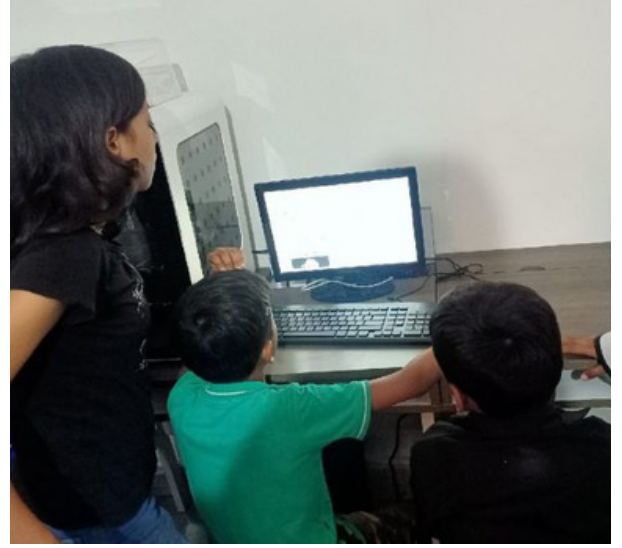
Every educated Indian at some junction in their lives comes to the cross roads where they have to decide if they want to leave the country and go give the benefits of their education to another country, or stay back here and ensure that we leave behind a better country for the future generations. MakersBox Foundation is also a baby that came out of that thought. A few years back, we were on that cross roads, and we decided to take the more difficult road, and stay back in India, and ensure that the next generation grows up with a more wholesome education, making them into a complete well rounded people, who in turn can take India to another level.

We at MakersBox Foundation believe that our current education system gives birth to individuals who are well versed with the words written in their text books, but are lost when it comes to stepping out of their comfort zones. These young adults are often non employable, or are not able to adjust to the ever changing environment of our fast growing industries.

Based on the data available, by the year 2030, there will be 600 million youth under the age of 25, but sadly their current skill or the education that we impart will lead to 29 million skills in deficit, and 53% of our Business's will not have people who match their job profiles. This will lead to a literal sea of people who are unemployed, not able to support their families, and in turn will either lead a life of crime or simply end their life with the note that says "I QUIT".

At the Labs / Learning Nooks, we use our experience with using Real Life Problem Solving to learn technologies such as Artificial Intelligence, Machine Learning, Programming and Hardware Solutions. Children as young as four years of age get involved with the lab, augmenting their primary education by giving way to a Project/ Problem based approach to each of their lessons, leading to an increase their retention power as well as widening their areas of knowledge. With our past experiences, it has been noticed, that this form of learning has led to improvement in not only school results, but also attendance of students who were earlier reluctant to attend school.





OUR NOOKS

There exists a huge gap between the current status and the desired goals in terms of a skilled workforce and the foremost challenge is the huge proportion of poorly-trained workers in the informal sector—the largest employment generator in India

The mismatch between skill, academic training and employment has broadened to an extent where, on one hand, employers are unable to discover suitably trained people, and on the other, the youth is unable to find the kind of jobs they aspire for.

Our Nooks provide for children to learn 21st Century skills, such as communication, collaboration, creativity, and critical thinking using STEM Methodologies.

SPECIAL ACTIVITIES

Research shows that teacher effectiveness is one of the largest determinant of student success. Capacity is often thought of as a number, or how many teachers can we have to train how many children, but capacity of self-reflection, planning, critical thinking remains missing.

Before the students get ready to change the world, our teachers have to change the way we teach. For long we have relied on an exam and result based methodology to measure success in a classroom. Research shows that grades have no impact on success, but skills that the teachers deliver and students retain is what gives them success in life.

We combine theory and practice so that teachers can develop education strategies to address the changing landscape of teaching and learning, as well as apply innovative approaches to new contexts that come up in a classroom

Teachers have long been looked at as guru's, that provide us with knowledge and skills, and our capacity building program invests in creating competitive teachers, thus investing in the future of our children.

What are we doing at

MBX - ORG ↑



HARPREET KAUR SAPRA

Founding Member

A serial entrepreneur and a hands on problem solver, Harpreet is the main force behind MakersBox Foundation. She has catapulted change in several aspects of life, from volunteering to help starting a school for slum children, setting up India's first village maker space, and holding India's largest make-a-thons enabling children to think about innovation for the future.

Her background in Psychology, Business and Management adds valuable skills to ensuring the Foundation has a long term vision that is put in action on the ground.



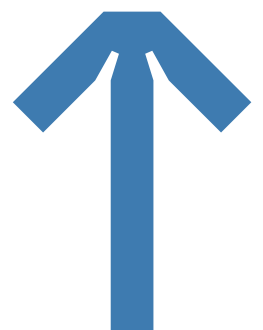
DR. P. SAPRA

Founding member

A Homeopath Doctor, and a Vocal person for change, as one of the most respected doctors from her community, she has brought about a lot of social change, from running Free Ambulance services, to working with children for their healthcare, and organising free kitchens to feed the needy, she is always at the front.

Her background in Social change, willingness to serve humanity and keen interest in education for everyone, helps us keep our vision alive and bring it to the ground.

OUR FOUNDERS



HOW CAN YOU

HELP



DONATE NOW

Every Rupee Counts, if you are an individual or the head of an organisation, we accept donations via Bank Transfer, UPI, or via a Credit Card Payment. We can also give you an 80G Certificate that allows you upto 100% Exemption for amount donated in your Income Tax Statement. To Donate now, visit <https://s3g.link/mbxorg>



SETUP A SCHOLARSHIP

If you are a high networkth individual and are looking at setting up a scholarship fund in your name or your family name, a donation of Rs. 12 Lacs can help you setup a Scholarship in your Name to help students gain 21st Century Skills



HELP US SETUP A NOOK

to take our mission forward, we need a nook in every village in the country, our mission is to first ssetup 37 nooks across the country (1 Per State / UT) and then penetrate into the depth of our vilages.A donation of Rs. 20 Lacs can help you setup of a Learning Space / Nook



SETUP A TINKER SPACE

A Maker Space / Tinker Space, gives students a chance to have a curious mind. Spaces require tools and trainers, to work together and give insights into how things work, solve real life challenges, and participate in global challenges. A donation of Rs. 30 Lacs can help you setup a tinkering space.



VOLUNTEER WITH US

At MakersBox Foundaiton our mission is to keep our administrative costs under 10% of our Total donations, that means we need more and more hands on the ground. If you have spare time, and can help us raise funds, train children, and or facilitate dialouges, reach out to us.



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शिक्षित
भारत

MAKERSBOX FOUNDATION
D-181, OKHLA INDUSTRIAL AREA,
PHASE 1, NEW DELHI 110020
+91.98113.888.21
CARE@MAKERSBOXFOUNDATION.ORG
WWW.MAKERSBOXFOUNDATION.ORG