

Skills by Nature

Experiential Learning



Cohort of Navadhanya for the academic year 2024-25

Overview:

Nature is rich with inspiring ideas to solve critical problems the world is facing. There are a number of intellectuals and industry professionals working on Biomimicry or Biomimetics. However, the young generation is disconnected with nature, especially those who grow up in high rise apartment clusters and urban residential societies. The School going children from this segment in the **age group of 12 to 18 years** miss a great opportunity to acquire nature inspired skills which are not the focus in the schools otherwise. “**Skills by Nature**” is an Experiential Learning program conceived and developed on the theme of **Gardening as a Learning Tool**. We did a first pilot implementation at **Chandana English Medium School, Sirsi** situated in Karnataka with a batch of 150 students from class 8 and 9 during the academic year 2021-22. Since then, the program has been iterated with revisions to improve upon.

What the World Needs?

a) The Curious World of Young Minds:

- i) Need fun-filled hands-on activities which can help them reinforce what is being taught in the School theoretically. They need to acquire environmental and **life skills beyond the curriculum**. Do all that to improve **cognitive abilities** and thereby score high marks in the competitive world.
- ii) A strong Lifelong Learning Foundation nurturing **Entrepreneurial Traits**
- iii) Develop a **Research Mindset** to probe the **Elements of Intelligence** in them and apply to pursue a **sustainable lifestyle**.

b) The VUCA World of Parents:

- i) The **best education to the children** for preparing them to be successful in the shrinking global village.
- ii) Developing a strong family bonding between the generations
- iii) Inculcating self-awareness among the children and a balanced indulgence with the gadgets.

c) The Real World of Mother Nature

- i) Reduce the Pollution
- ii) Mitigate the degradation of the soil & Biodiversity
- iii) **Responsible Consumerism**

There are more to the list. We always welcome your inputs on changing priorities. **WhatsApp at +91 9871107526** and express it please.

The Solution comes from Collective Minds: Education

“**Skills by Nature**” is an outcome of our continuous efforts focusing on the best equation of *Gig Economy, Lifelong Learning and Entrepreneurship*. We have curated hundreds of experiments on Seeds, Germination, Plants, Flowers, Fruits, Gardening to demonstrate the fundamental concepts of Mathematics, Physics, Chemistry, Biology and Environmental Science. These could be carried out at home safely with simple tools and tackles.

The activity begins with a challenge - to grow Plants from the Seed-to-Harvest! The curious mind of the learner is probed for a detailed investigation, nudged to carry out joyful activities, compelled to document it and experience the milestones with happy feelings. There are more puzzling tasks they encounter during the learning journey.

This is how critical and life skills are acquired by indulging in Nature! In fact, it is a Sandbox Experience of **unpredictable, uncertain and complex situations** (risk free) which they navigate through **Self-discovery** to **thrive**.

Facilitation:

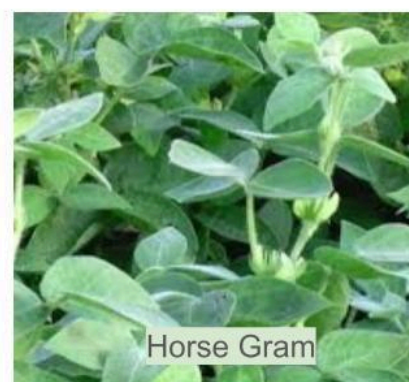
It is a fee based engagement. The Program **Fee: Rs.10,400/-** per participant is valid for one year. One can pay easily on **UPI ID** for Payment: 9311007526@Paytm in the name of Shashidhar Bhat. Alternate payment methods are also available.

Duration: A focus Cohort on **Navadhanya** is scheduled from 05 June 2024 onwards to conclude on 14 Jan 2025

Batch/Cohort Size: 12 for Open Groups, 40 for School Groups. Multiple batches are formed based on the enrollment from different regions.

Format: A hybrid model of pedagogy. Learning Experiments are DIY at home. It is supported by online communication / collaboration tools to access Mentors and Bite-sized curated contents. The progress assessment and review are done at schools on weekly schedules.

Program Deliverable - Specific to The Navadhanya Cohort / Batch:



1. Recommended list of real-world challenges to set goals for experiential learning
2. Curated list of Do-It-Yourself (DIY) activities

3. Daily Feed of Bite-sized Learning Contents
4. Platform to access “Ask-Me-Anything”
5. Access to Mentors and Domain Experts
6. Scheduled live online/in-campus sessions
7. Managed Digital Tools for Learning Management
8. Platform to Showcase the work
9. Certification and Awards to recognize the efforts
10. Parents orientation
11. School staff orientation

A bridge program is offered to engage participants who join at different dates to synchronise with the learning /activity schedules.

Enrollment: The participants in the age group of 12 to 18 years need to fill the [Registration Form](#) online. The confirmation with complete engagement details are furnished only after receiving the Fee payment.

There is no refund once the course has commenced.

Suggested Materials & Resources:

- a) Navadhanya Food Grains / Seeds - 500 gms
- b) Eco-friendly containers to grow plants at home. Grow Media like Cocopeat, Compost and Healthy Soil
- c) A measuring scale, Mini Weighing Machine (5Kg), LED Torch, Magnifying Glass (10X), Dissection Box, Colour Shade Card, Graph Papers, Sketch Book, Workbook, other Stationeries and Household items
- d) Smart Phone and Internet to access Digital Tools

Program Champion:



Shashidhar Bhat is a senior Technology Professional turned Social Entrepreneur. The recent focus on Gig Economy, Lifelong Learning and Startup Ecosystem has led to the development of projects to engage the communities. Mr. Bhat is an active contributor at Delhi NCR and Karnataka districts to nurture innovation. Green projects are his passion.

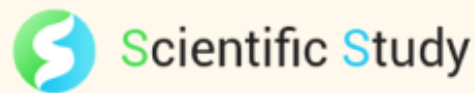
Prior to venturing into the Startup world, Shashidhar has worked rigorously in IT & Communication domain helping Small and Medium companies in India and abroad to adapt technology aligning to their businesses. He played the role of a solution specialist working closely with hundreds of small business owners.

The credentials related to education are:

- Worked under the Mentorship of **Prof M M Pant**, Formar Pro-Chancellor of IGNOU, New Delhi for 4 years to deliver awareness courses on emerging technologies among Educators and Students
- Mentored (under the banner of UltaBhonpu) 2 batches of **Entrepreneurship Mindset Curriculum** introduced at Delhi Government Schools for Class 9-11 students
- Taught at Government Secondary School students of Karnataka remote villages through **eVidyaloka** program for 2 years
- Taught formal Computer Science subjects at Diploma Colleges in **Karnataka** for 5 years
- Trained Corporate batches of organisations like **BEML** on Programming and Office Suites for 2 years

Acknowledgement & Gratitude: Dr. Shivaram Shastri | SDM Center of Excellence Honnavara, Shri Prabhakar Hegde | Farmer at Mudgejaddi Sirsi, Shri Timmanna Bhat | Farmer at Magodu Honnavara, Shri Santhosh Shedthikere | Social Entrepreneur Sagar, Kiran Kadekoppa | Mentor USA, Prakash Hegde | Mentor USA, Smt. Suvarna Bhat | Bhoomiputri, Shri L M Hegde & Team | Chandana English Medium School Sirsi, Shri Vinayak Hegde | Hulugola Sirsi, Shri Rajesh Pawar | Mentor Bengaluru, Team at Vikas RABI | Cuttack, Shri Savio Rodrigues & Team | Media at Goa, Shri Santosh Kittur | Entrepreneur at Belagavi, Shri Gajanan B Maski | Faculty at Hangal, Shri Shrikanth Kumbar | Farmer at Bagalkot, Shri Ramgopal H S | Entrepreneur at Shivamogga, Shri Harsha D N | Author at Mysore, Team at Business Success Mantra | Clubhouse, Members of Mission Green Delhi Group, Members of Leaves as Family Food group.

Value Addition & Outreach Partners : Here are our associates who add definite values to the curious minds in their learning journey. They innovate with passion.



Engagement with Schools: A inclusive approach

Invite us!
We love to visit your School !!



“Skills By Nature” ignites young minds.

 **9871107526**

We craft customised learning programs at schools to bring additional benefits

- a) Integration of Eco Clubs / Environmental clubs with extended activities
- b) Implementation of AYUSH programs on plants
- c) Green projects for State / National Level STEM competitions
- d) Improved green space within the school campus
- e) Ideation, Innovation and Design Thinking Foundation for young participants

A detailed proposal is submitted after a consultation.

There are multiple ways with which the institution relationship can be initiated. The best way is to plan a visit to school proposing a half-day workshop on Navadhanya food grains to sensitise and develop awareness among the school children. Invite us today!