The Param Science Experience

Monthly Newsletter

February 2023

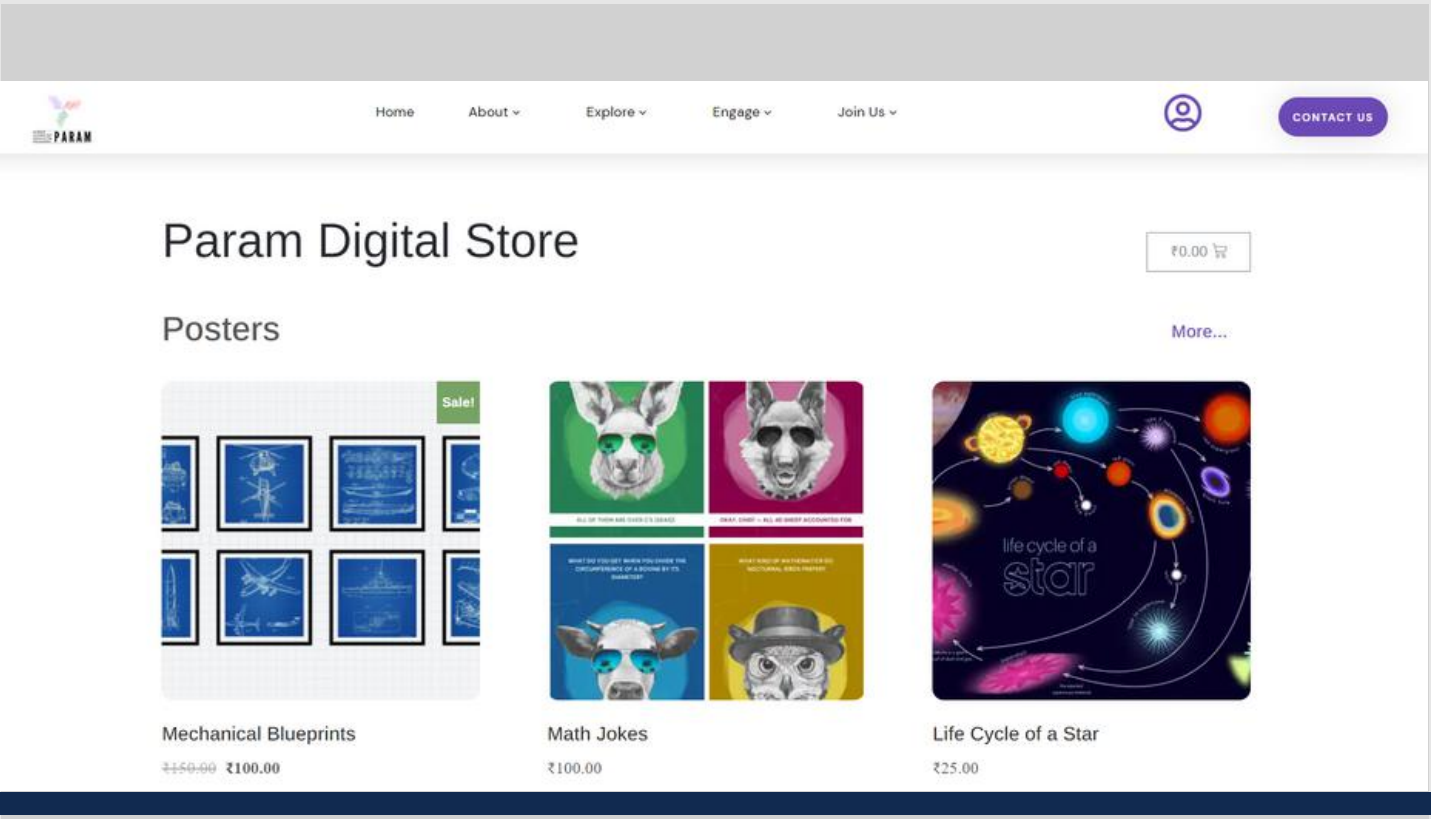
*This picture was generated by Param with the help of AI

March Motivation

This March comes
toward us with
many changes

The past month we saw time fly by,
It made us wonder and it tested our will.
We assured ourselves that the limit was the sky
And then on every day was a thrill.
It taught us patience and new lessons to live by
The Dream of Param as a team we shall fulfil!

As we show our gratitude and bid goodbye
to the shortest month of the year, here's a
recap of our productivity ››››



Param's Digital Store is here!

The Digital Store we were desperately waiting for, is now up and running!
They were all created in-house by our Digital and Content teams, all the merch are one-of-a kind and unique to Param.

Currently, all the merch are on offer!
Hurry visit the store @
www. paraminnovation.org/param-digital-store/

samyog

Art Science Gallery

4th & 5th February,2023

Event Partner

www.paraminnovation.org/newsletter

What is Samyog?

Samyog - Art Science Gallery, a donation drive curated to help us bring world-class programs and exhibits to the Param Science Experience Centre.

Held at Bengaluru Art Gallery - Yuvapatha.
We saw 330 visitors, many revisiting us from the Weekend Science Gallery, the donations raised from the event ₹31.4k

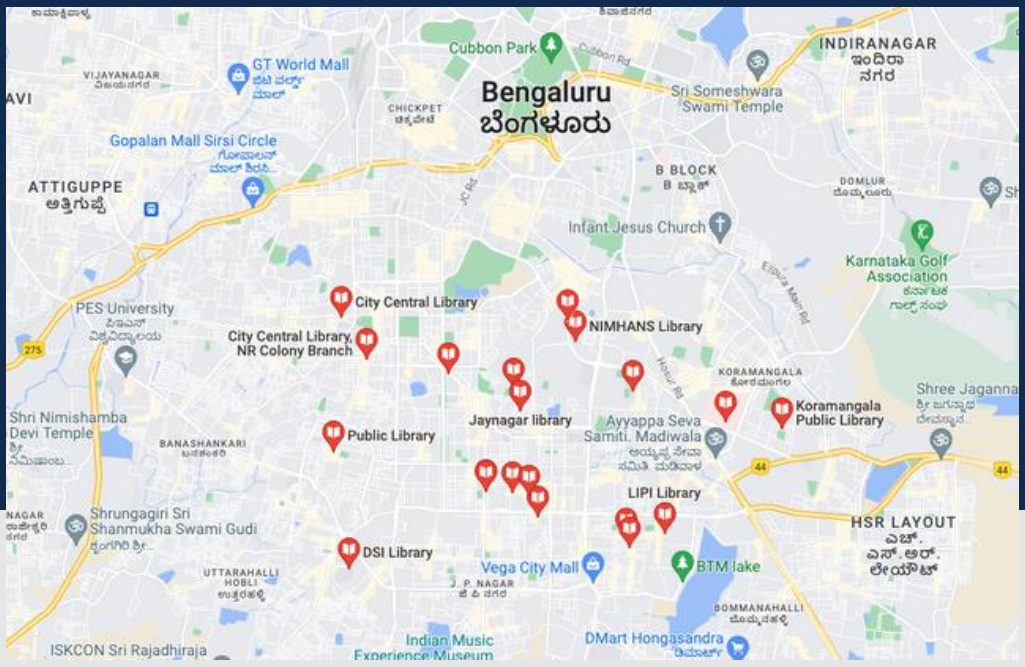
This event paved the way to display the creative expression of Param's Design team.

Samyog also allowed the Marketing team to face new challenges and learn from them.

Updates>>

Understanding the importance of financial literacy early on as individuals was a wiser decision and advantageous upskill for Team Param.

The workshop was conducted by Mr. Nanda Kishore who has over 13 years of experience in Financial Literacy. He created the 5 Effective Habits for Financially Happy Life to address the lack of knowledge about Financial Literacy in India. This workshop proved essential as more than 50% of Paramiers are below the age of 25!



44 Govt Libraries across South Bengaluru now have copies Science Magazine

We want to set a world record!

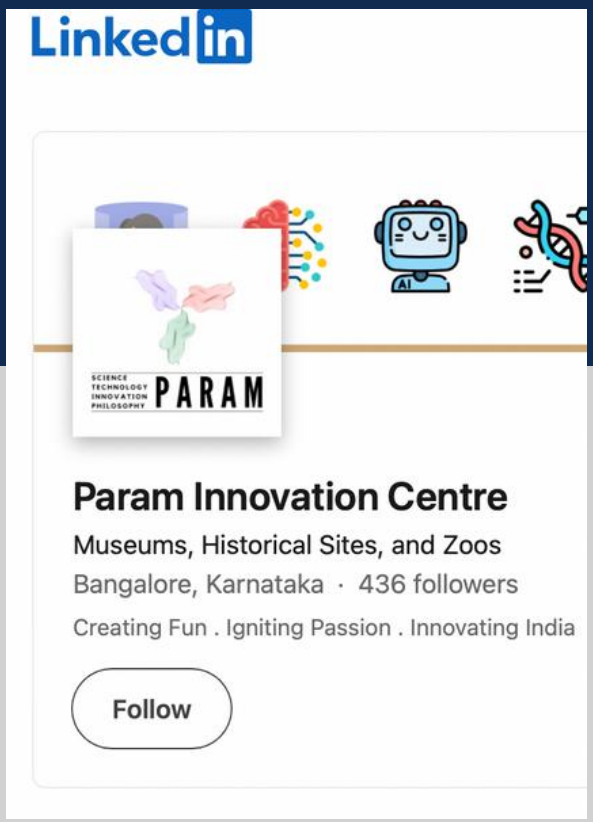
and we are looking for ideas

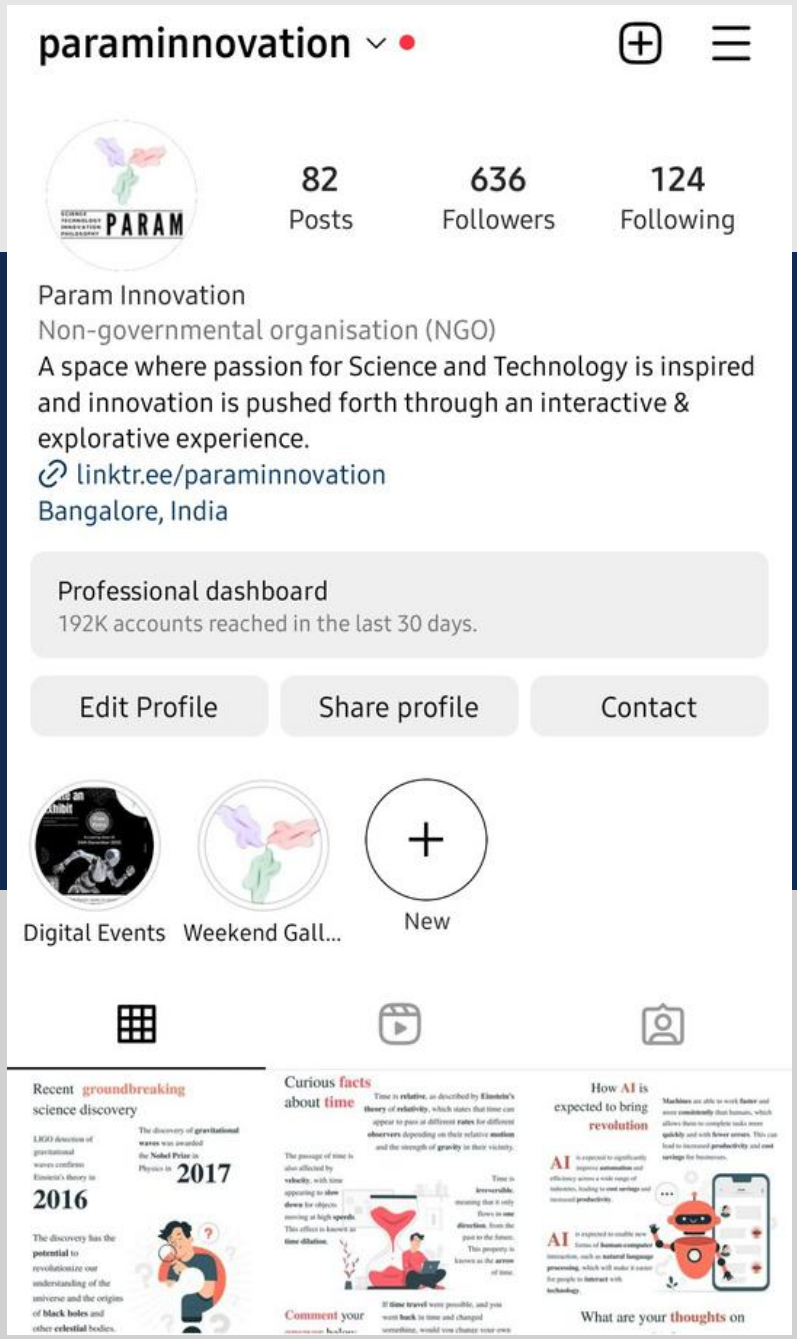
Send in your ideas to marketing@paraminnovation.org

Param's Virtual Community has grown

Consistency is the key to results! Evidence of the grand dream coming true!

1000 + followers





Vijay Enaganti

Data Science Intern

I am glad to share my wonderful experience as a data science intern (plus many other roles) at Param Innovation.
During my internship, I was given the opportunity to work on various projects, and exhibits which included everything ranging from Hologram Fans to AR VR Headsets. I was able to get into my zone of exploring new pieces of tech that always fascinated me. I got a little peek into all other teams work and was able lend a helping hand whenever they called for it. We hosted quite a few events in and out of the office and got to show the world what we were building at Param and gave a glimpse of what the Param Science Experience is going to be.

After my internship, I decided to join Param Innovation as a volunteer to continue the small things I had started as an Intern. I wanted to stay involved with the company and contribute to their mission.

Overall, my time at Param Innovation has been nothing short of amazing. The company has provided me with valuable skills, experiences, and connections that will undoubtedly benefit me in my future career. Param has given me memories and friends that are very personal to me. I thank Inav and Ganesh for being the absolute best mentors to me. I would highly recommend Param Innovation to anyone who is passionate about Science and the wonders it can do.

Twinning with Mega Klein Bottles

The sheer joy of creating a gigantic prototype of a smaller prototype.

To explain a Klein bottle is a bit like a mathematical magic trick - it's a single-sided, non-orientable surface that somehow manages to exist in our three-dimensional world. It's like a twisted Möbius strip, but taken to the next level of mind-bending complexity. Imagine taking a rubber band and giving it a half twist before gluing the ends together - that's essentially what a Klein bottle is, but on a much grander scale. It's a strange and fascinating object that challenges our understanding of geometry and topology. It was named after the German mathematician Felix Klein

February's Feature

Water, oh water, so clear and so bright
It's a molecule that's essential to life
It's found in the oceans, and in the air
It's the substance that's everywhere

It's the basis of life, that's plain to see
Without it, the world would not be
It's found in plants, and in our own bodies too
It's something that we all need, it's true

It's a solvent, it dissolves and cleans
It's the substance that makes life serene
It's found in rain, and in the morning dew
It's something that we all must renew

So let's appreciate this precious resource
It's something that we must not disperse
It's the foundation of life, that's clear to see
It's something that we must preserve, oh gee

DIY Science Experiments

That you can do at home!

The raisins and soda experiment:

This simple experiment uses the principles of buoyancy and surface tension to demonstrate how raisins can dance and move in a glass of soda.

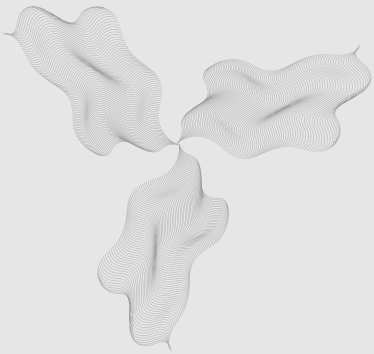
First, carefully pour the soda into the glass, and then drop a few raisins into the soda. Next, use the spoon to gently stir the soda, and then observe what happens. You should see that the raisins start to dance and move around in the soda, due to the combination of buoyancy and surface tension.

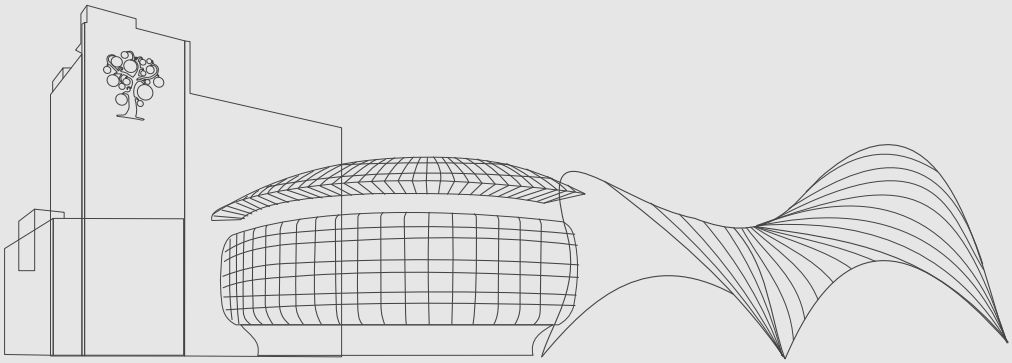
To do this experiment you will need:

- 1 Glass of Soda
- 1 Spoon
- Some Raisins

For more fun DIY experiments:
www.paraminnovation.org/2023/02/09/at-home-diy-science-experiments/

To get your blog featured in our newsletters:
www.paraminnovation.org/submit-post/





90	-1
Th	e^-
Thorium	Electron

15	18	95
P	Ar	Am
Phosphorus	Argon	Americium

21	53	10	58
Sc	I	эИ	Ce
Scandium	Iodine	Neon	Cerium

-1	15	68	53	10	58
e^-	X	P	Er	I	Ce
Electron	X Boson	Phosphorus	Erbium	Iodine	Cerium

10	74	16	-1	52	
Ne	W	S	e^-	Te	R
Neon	Tungsten	Sulfur	Electron	Tellurium	Roentgen