

Newsletter Sept-Oct 2022



GNR Film & Living Archive!

2022 is the centenary year of the legendary scientist G.N. Ramachandran. To celebrate his life and work, SMC first produced a film, 'The Trials and Triumphs of GN Ramachandran' which won an international award in 2020. Kudos to Vivek Kannadi and Rahul Iyer for their work as producer and director respectively!

SMC's next step is the GNR digital museum, a living archive to preserve and celebrate the enduring memory of GNR.

Screening: **4Nov'22, 6pm, LHC 101**. Also, available [here](#)

Call for volunteers for GNR Translation Project:

The film will be translated into multiple languages. Translations in Marathi and Hindi are in progress. Tamil and Kannada translations are planned.

Should you be interested in contributing to translation in these or other languages, please express your interest through this [Google form](#) by **10th Nov'22**.



Dr. G.N. Ramachandran (1923-2022), IISER Pune, India. Photo: Dr. G.N. Ramachandran. The film credits are in the film description on YouTube. In under-productive science, and is used by IISER Pune. All rights reserved. © 2022.



Cell Biology Journal finds an exciting new cover!

The collaborative attempt at communicating research of Dr. Kalika Prasad's **Lab** on the theme, 'The humanoid plant emerges out of a constriction cell'

Producing a vivid and imaginative cover page for the *Developmental cell journal* published on 12th Sept'22. The Cover art was designed by Mabel Mathew of Dr. Prasad's lab and digitized by Arun Kumar Kundu of SMC.

The story of Zebrafish!

A short film on the 'Journey of Zebrafish as a model organism' focusing on Indian contributions to zebrafish research was screened at the 'Indian Zebrafish Investigators Meeting (IZIM) 2022' at IISER Pune.



Srushti Chipde (SMC intern; a B.Sc-Biotech graduate from Nagpur) worked on the screenplay and direction. Prof [Anil Kumar Challa](#) (Faculty, Shiv Nadar university) did the concept research and SMC team members gave production inputs.
Screening: 4 Nov'22, 6pm, LHC101.

Launch of Student Engagement Program (SEP)!

SEP is SMC's initiative towards work-integrated learning on science communication for IISER students. Post-training, students selected through this program will work on various projects to build their capacity & portfolio.



Visual Designs & scicomm Workshop, 15-17 Sept'22

This 3-day training on visual information design and branding was conducted by [Prachi Joshi](#), who is a freelance visual designer and a museum tinkerer. She guided the participants in visualizing and creating a story using basic tools.



Art, Animation & Scicomm Workshop, 3-5 Oct'22

Here, students learned the main principles of animations and how to apply them using Krita and Blender software. It was great to see Arun Kumar Kundu, who joined SMC as Science Illustrator recently, leading the first such workshop at SMC.

Outcomes:
[Natural numbers and integers](#)
[Effect of Gravity](#)

Video, editing & scicomm Workshop, 7-9 Oct'22

Vivek Kannadi led this workshop in a unique way of storytelling through audio-visual media. Students were introduced to the concept of storytelling and camera handling. They then prepared scripts and shoot the film under the supervision of the SMC team and edited the films at SMC's media lab.

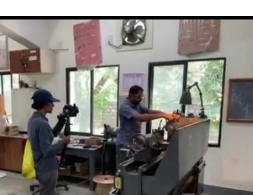
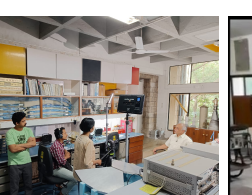
Video outcomes:
[Magnus effect](#)
[Color blindness](#)
[Liquid nitrogen](#)



Communicating life in Science – Raman Research Institute (RRI), Bangalore!

SMC is working with RRI, Bangalore for producing a series of videos conveying the story of RRI and its contribution to science and society. As a part of this collaborative project, Vivek Kannadi, P. Imavayan, and Neha Kanase also visited the Gauribidanur Radio Observatory jointly run by RRI and the Indian Institute of Astrophysics (IIA).

Neha, who joined SMC this year, reflects [here](#) on her experiential learning!



The New NPTEL course starts!

SMC is involved in creating educational content for online self-learning platforms like NPTEL, Swayam, etc. Lectures by faculty from different IISERs and IITs are recorded and edited by SMC.

The 'Evolution of Earth and Life' by [Devapriya Chattopadhyay](#), Earth and Climate Science (ECS) Dept at IISER Pune is the 15th NPTEL course being covered by SMC.

Institute events covered by SMC in Sept-Oct'22

- Promotional video on the I-hub Quantum Technology foundation
- 8th Pune- Mumbai Number Theory symposium 2022. [Link](#)
- Videography and live streaming of Science Education talks
- Swachata Pakhwada pledge photography on 1 Sept'22
- Photography for the Asian chemical biology initiative conference 2022
- Lecture recording for Diptimoy Ghosh faculty, Physics dept
- Dynamic poster and videography for Science Activity Centre for Teacher's day event covering Padmshri Arvind Gupta's [Keynote](#)
- Photography on Fossil Day -12 Oct' 22 for ECS dept
- IISER brochure video (ongoing)

SMC Services

Media Centre Services

- Videography & Editing
- BG Screen Recording Studio
- Sound Recording & Design
- Scripting for media

Multimedia & Digital Services

- Graphic Designs
- Science Illustrations
- Animation (2D, 3D, vFx)
- Cover art for Journals
- Science Blogs & Articles

Meet the Team!

- Dr. Shalini Sharma**
Faculty coordinator
- Mr. Vivek Kannadi**
(Senior Technical Officer)
- Mr. Rahul Iyer**
Technical Officer- Science communication
- Mr. Imayavan Pattabiraman**
(Technical Assistant- Cinematography)
- Ms. Neha Kanase**
(Technical Assistant- Science communication)
- Mr. Arun Kundu**
(Technical Assistant- Science Illustrations)

[Website](#)



[SMC Service Booking Form](#)

[SMC Equipment Booking Form](#)