

Go-vidnyan Expo

26th, 27th, 28th April 2022
INOX Courtyard



We all are aware that environmental degradation is affecting all of us and cannot be wished away. Falling agricultural yields due to over usage of chemical fertilizer is just one example; depleted ground water table being another. The expo will showcase modern scientific methods to evaluate the age old wisdom regarding Farming, Indian Cow and it's criticality for sustenance of healthy human life.

Innovation Expo

26th, 27th, 28th April 2022
INOX Courtyard



IIT, Goa
GEC
Don Bosco Engi. College
SWACH



Institutional Expo

26th, 27th, 28th April 2022
Old GMC



NIO
NCPOR virtual lab
ICAR
CLRI
Goa innovation council
ATL



Our Experts

Dr. Arvind Ranade
Scientist F Vigyan Prasar

Jayant Sahasrabudhe
National Organising secretary
Vijnana Bharati

Dr. P K Joshi
IITB Mumbai

Dr. Arvind Natu
Professor, ISSER Pune

Dr. Narendra Deshmukh
Homibhabha Centre for science Education, Mumbai

Glimpses SCI-FFI 2021



Maquinez Palace Annexe, ESG Complex, DB Marg, Panaji, Goa
Email: sciffgoa@gmail.com Contact: 79725 64480, 98817 78876



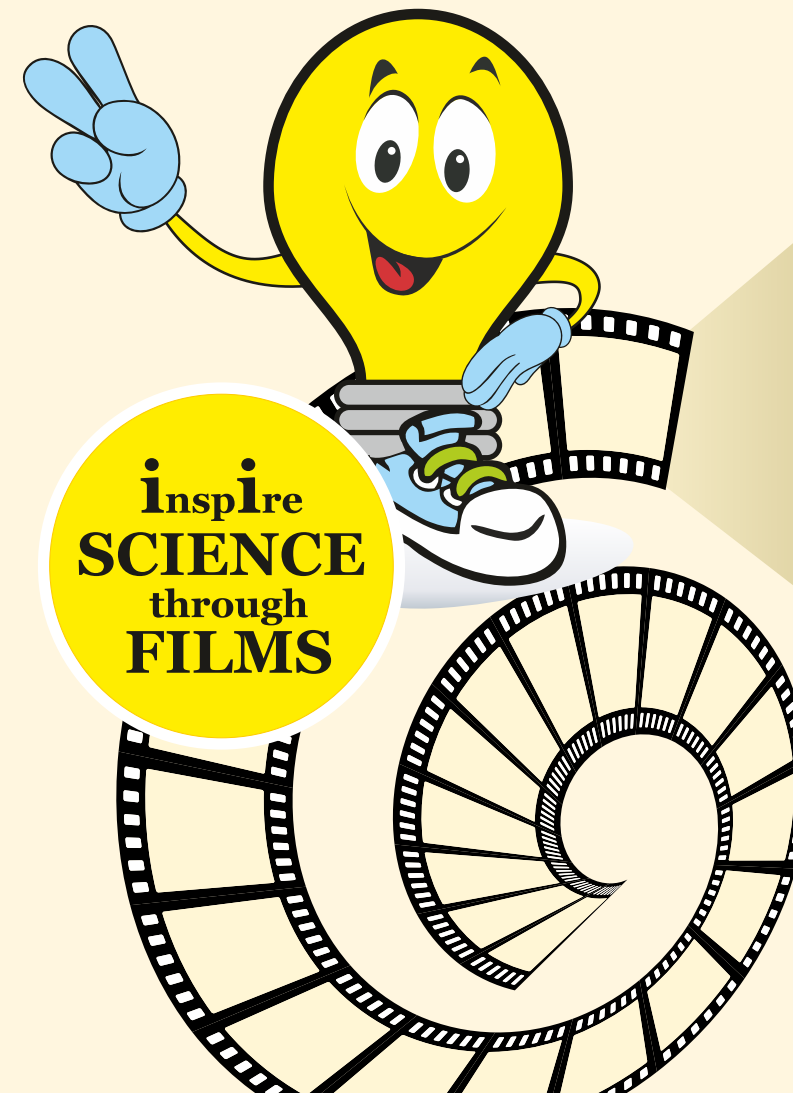
VIDNYAN PARISHAD, GOA
PRESENTS



SCI-FFI

SCIENCE FILM FESTIVAL OF INDIA

26th - 28th April 2022



Organisers



Co-Organisers



Partners



Electronic Media Partner



Vidnyan Parishad, Goa



India, with its infinite diversity, faces critical challenges as a nation in its march towards a welfare state. Considering the nature of the challenges which are so unique, only rapid strides in the field of science and technology, in resonance with India's heritage, can meet those challenges. Use of Science is an important factor in Nation building. With its rich traditional knowledge and practices, with its youth and above all, with its desire and determination to prosper, India looks at Science as a vehicle to meet the aspirations of its people.

Vidnyan Parishad, Goa, is the Goa state unit of Vijnana Bharati, a Science movement with Swadeshi spirit that has been spearheading several initiatives in our country to develop scientific attitude in the society and propagation of science.

Vidnyan Parishad, Goa has been performing its role by organizing many events in Goa to popularise science and to initiate more and more young men to take up a career in science. Science film festival is one of the initiatives of Vidnyan Parishad. Department of Science and Technology, Govt. of Goa, Entertainment Society of Goa (ESG). Goa University and National Institute of Oceanography (NIO) are the partners for the event. Vidnyan Parishad, Goa has networked with more organizations such as Vignyan Prasar (DST). Govt. of India, National Centre for Antarctic and Ocean Research (ICAOR) and Goa Science Centre (NCSM) to make the science film festival a grand success.

Pre-Fest Activity; Scientist Interaction

15th March to 15th April 2022

This event had been successfully organised in around 46 schools so far, with the help of Goa University, National Institute of Oceanography, Dhempe College, Government College, Sakhali, Goa Pollution Control Board, Chowgule College, and Don Bosco Engineering College. We plan to visit 29 schools more by the 15th of April. (Total 75 schools would be covered across the state)



Science Film making workshop and Competition

12th, 13th, 14th April 2022
Maquinez Audi I

The workshop will give the participants an Immersive learning experience on making Science Films. The workshops will engage the participants in transforming the way science stories are told and in the end help them develop their first Short Science Film.



Science fiction Films and Documentaries

26th, 27th, 28th April 2022
INOX screen I



Films have always been a source of influencing culture and fashion. Companies have used this medium by way of in-film advertisements to reach out to the potential customers. Along with a lot of commercial films that get made every year as a tool for entertainment, there are quite a few films that have content that communicates science and also science fiction films that intrigue the mind to think if such a thing could ever be possible. These are the films that are very easy and effective medium to further the cause of science as it has the largest potential to attract students to science. This year we have a platter of seven films that will be showcased as part of the festival. An eminent scientist will introduce the film and interact with the audience.

Indian Knowledge System (IKS)

27th April 2022
Maquinez Audi II



Was India the Source of any Knowledge?



Dr. Raj Vedam

Faculty, Hindu University of America
Advisory Council, Dharma
Civilization Foundation
Faculty, Arsha Seva Kendram

The Scientific Nature of Sanskrit



Dr. Sampadanand Mishra

Professor, Rashtram School of Public Leadership,
Rishihood University, Sonapat
Founder, Divyavani Sanskrit Radio
Recipient of
Maharshi Badarayana Vyasa Samman (2011)

Students' Science Village

27th, 28th April 2022
Art Gallery I & Audi I

This event is organized to develop keen interest of science in students of standard VIII, IX, X and XI which includes hands on science activity, demonstrations, lectures etc. to clear most of scientific concept in playful way. This year we are organising this event on a smaller scale i.e for 150 students of different schools of Goa. 150 scientific kits of any scientific model, apparatus, toy designing such as assembling rocket model, microscope model, vermicompost, electromagnetic toy, space launchers, designing dish antennas etc. will be assembled with the help of renowned resource personnel in this village. Whole idea behind this is to make science easy to understand, thrilling, motivating and emphasis is on to develop love towards the swadeshi science, scientific concept and instruments among the students.

Science Teachers' Workshop

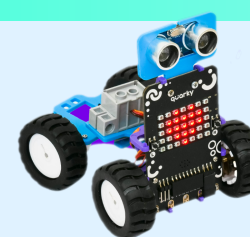
26th April 2022
Maquinez Audi I

Theme: Importance of Experiments in Science Education

Experiments generate curiosity and promote development of scientific thinking. Science Teacher's Workshop 2022 aims to bring together, innovative, dedicated and passionate science teachers from all over Goa on a single platform. The Workshop will include, a key note address, group activities, demonstrations, discussions and scientific sessions based on aspects of teaching-learning practices as well as the effective tools for comprehensive and continuous learning of science. The participants will interact and share their experiences related to teaching methodologies and innovations in activity-based teaching and learning.

Robotics Workshop for Teachers

26th, 27th, 28th April 2022
Maquinez Annexe Conference room



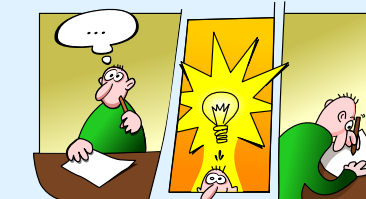
To equip the teachers with hands-on knowledge on Robotics, a robotics workshop is being organised with help of M/s Stempedia a leading Robotics equipment and training provider in India. The three day Robotics workshop will provide hands-on training on robotics with physical robots. The topics that will be covered during the workshops are Sensors, Actuators and software to control the robots. The participants will build a self driving robot and a line follower robot by the end of three days workshop

Design Thinking Workshop

28th April 2022
Media room, Old GMC

In line with the National Education Policy (NEP) - 2020 an emphasis has been laid upon Robotics and Design Thinking. To take this massive movement of Design Thinking forward during SCIFFI a Design Thinking workshop is being organised to make students understand on how to solve their local problems by using the Design Thinking Framework.

The one day workshop includes learnings on Design Thinking- FIDS (Feel, Imagine, Do, Share) framework for solving problems that arise in their immediate ecosystem: Classrooms /Community/Workplace and Personal Life.



Know the Scientist

26th, 27th, 28th April 2022
VIP room, Old GMC



Every film is followed by a brief interaction between the audience and the scientist. But, there are questions that do not get asked and are carried home unanswered. To create more inquisitive minds, this forum is being created where the delegates and students will have an opportunity to interact one-on-one with the scientists who would be visiting SCI-FFI 2022.