



KNOWLEDGE AND AWARENESS MAPPING PLATFORM



In Knowledge Alliance with



PRESENTS

Special Session on

Popular Science Writing

By: Ms. Shubhada Kapil,
Assistant Editor, Vigyan Pragati & Journal BVAAP
CSIR-NIScPR, New Delhi

Jan 5, 05:00 pm IST

FOR STUDENTS OF CLASS 5TH - 12TH

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KNOWLEDGE SESSION 2022: EPISODE 18

ORGANISED BY: KNOWLEDGE AND AWARENESS MAPPING PLATFORM

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Date: 05th January 2023

Topic: Popular Science Writing

Organized For: Class 5th – 12th

Category: Science

No. of Participants: 1300+ students from different schools across India

Speakers/Presenters: By Ms Shubhada Kapil (Assistant Editor, Vigyan Pragati & Journal BVAAP, CSIR-NIScPR)

Overview:

On January 5th, KAMP conducted its 18th Special Knowledge Sharing Workshop on "Popular Science Writing" with 1300+ students of 5th to 12th standard from different schools across India as participants. The main aim of this workshop was to help students understand, what popular science writing is, what is science communication, why we write, what we write in science writing and how they can also get involved in doing the same.

The session was convened by Ms Arika Mathur, a Member of the KAMP

Planning & Monitoring Committee and was facilitated by Ms Shubhada Kapil (Assistant Editor, Vigyan Pragati & Journal BVAAP, CSIR-NIScPR).

During this workshop, Ms Shubhada helped students gain insight into what science writing is all about, what are its types, and most importantly how the students can get engaged with such writings. She gave them suggestions on where they can write, what they can write and how they can write. Towards the end of the session, she even gave amazing tips to the students on how to write a good article, and establish a healthy rapport with the audience.

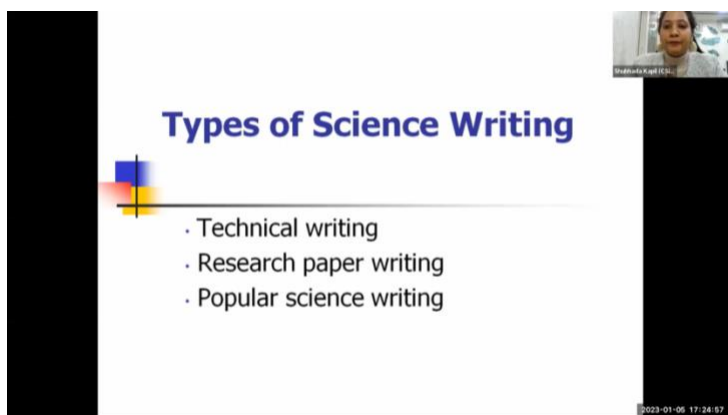


She described “Science writing” as the dissemination of scientific and technological knowledge among a wide range of audiences including non-scientists. Research is the backbone of the progress of science. Every year, thousands of research papers are published in journals across the world. They are primarily addressed to other researchers in the field or peers working in similar areas. This communication can take place through any media, be it print, audio, audio-visual, or even digital for presenting S&T-related topics to the masses.



Currently, CSIR-NIScPR is publishing various popular Science Magazines such as Vigyan Pragati in Hindi (Since 1952), Science Reporter in English (since 1964) and Science ki Duniya in Urdu (since 1974). Science writing is important means of communication nowadays to inform, teach, analyse, and predict several scientific topics between experts and common people.

As Ms Shubhada points out, Science writing is important in order to inform, teach, analyse, and predict various information related to science. She further guided the students upon the types of scientific writing such as Technical, Research Papers and Popular Science Writing. Where, Technical writing deals with writing for a hardcore subject, reporting something, in a more formal structured manner, and presenting facts and conscious-based data. while, Research papers deal with research-related articles with a specific format consisting of an introduction, method and materials, results and discussion etc and Popular Science Writing is a freestyle type of writing with no rigid structure. focusing on personal ideas or inputs.



Ms Shubhada suggested to the students that they can also become science writers if they have an interest in science. They can communicate about anything from fundamentals of science, topical events, future needs, analyses, breakthroughs, book interviews, book reviews, interviews etc. or even pick stories from daily life, and connect them to an event.

Students can easily dig up science stories from newspapers, research journals, science magazines, press releases, government records, large grants, newly funded research programmes, science prize winners, scientific establishments and universities - scientists, PROs, visits to breaking news locations, conventions, conferences, seminars, exhibitions, etc.

After thorough research, they can present a scientific view or their opinion on the matter, depending upon their choice of the type of writing. They can make good use of media like newspapers, magazines, bulletins, newsletters, books, radio, television, websites, blogs, etc. to convey their writings.

Last but not least, Ms Shubhada guided the students on how to write a good article, establish a

healthy rapport with the audience and gain good credibility. For this, they need to make sure that they are clear with the format of writing, including the structure, organisation, title, and choice of words, conveying it with clarity and serving the purpose. The writers also need to make sure that the content they provide is their own (not



plagiarised), with proper and up-to-date facts and data.

The purpose of KAMP's Fortnightly workshops is to help students develop creativity, meaningful learning, and critical reading and thinking skills that bring out their inherent abilities. The vision of KAMP is to identify and capture Scientific and Technological temperament in students to make India – a Global Leader in the field of Science, Technology and Humanities.

Such workshops, conducted by KAMP deal with various topics that fall under the category of Science, Technology and Innovations, Scientific and Life Skills, Career & Professional Development, Academic Development and training the trainers/teachers.

KAMP believes that with exposure to such topics from experts within such specific fields, students will become aware of real-life situations and challenges, develop a helping, problem-solving nature wherever possible, understand their core values and personal interests, evaluate their skills within the given area and achieve their best in their most desirable way.

Organised By:

Knowledge and Awareness Mapping Platform
(KAMP Operations and Coordination Office)

Moderated By:

Ms. Arika Mathur

(Convener KAMP and Member KPMC)

Team Credits:

Mr Amit Kumar Shukla

(Head-Capacity Building Group, KAMP)

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(Sr. Coordinator KAMP)

Workshop Partner: Swastik (CSIR-NIScPR)

