



DAV University - SIS NATIONAL WORKSHOP



on

"The art and science of scholarly communication: Writing better research papers"

14th March 2015

DAV University, Jalandhar, Punjab

Introduction:

The research and development (R & D) work be it in science, engineering, management or social sciences is not finished when its experimental or analytical phase has been completed. Its logical conclusion is reached only when results are shared with peers through a research paper. A well written research paper not only enhances the image of the researcher, but also that of the organization to which he/she belongs. Apart from getting recognition from peers for his/her contributions, a researcher is also dependent on publication of good quality research papers for the advancement of his/her career.

Unfortunately, most scientists (including engineers and technologists) and those working across college and university faculty receive little formal training in writing. A problem faced by many beginners is how to approach the task of writing? Where to begin and what to include under different sections of the research paper? Many a time, the research papers written by such inexperienced authors are returned by the journals to which these are submitted, in spite of containing original research work, because of ineffective presentation of the results.

In general, doing research is a sequential process that involves a number of steps. To start with, we need background information about the problem or topic under investigation. We decide on an approach to solving the problem and gather new information through experimentation/observations. Next, we interpret and sort the information gathered under some common heads, prepare an outline and then write a rough draft of the research paper. Lastly, we revise the rough draft to prepare the final version of the research paper and communicate it for publication to an appropriate research journal. Its scientific quality is adjudged through a process of peer review and decision made by the editor of the journal concerned on its publication worthy.

About the Workshop:

The proposed workshop is more like a training programme which aims to help the would-be authors of research papers, especially beginners, in preparing effective research papers. The programme would cover the various steps involved in the writing and publication processes of the research paper. It would cover:

- Sources of information in science and technology
- Purpose and characteristics of S & T writing
- A stepwise approach to research paper writing
- Processes involved in the assessment of the quality of research papers
- Ethical issues associated with doing research and publishing research papers
- Issues related to grammar and syntax in research communications/reports

A unique feature of this Workshop will be two round table question/answer sessions to provide the participants an opportunity to discuss issues of their personal and general nature with the experts.

The Workshop is being organized by the DAV University in association with the Society for Information Science, New Delhi, a learned society, established in 1976 and registered under the Societies Registration Act of 1861, with an ostensible purpose to bridge the knowledge gap which a large number of researchers face on how, when and where to communicate the results of their research. The Workshop will seek not only to develop and build capacity of individual researchers, academicians & professionals for communicating effectively to journals of their interest but also help them create a long term strategy on how best to leverage their research output for maximizing their research and academic advancement.

About the Organizers:

Society for Information Science (SIS)

The Society for Information Science (SIS) (<http://www.sis.org.in>) founded in 1976, works in the broad domain of information sciences. It is an all India professional body devoted to encouraging interaction among information professionals, scientists and academicians, all committed to work for the following aims:

- i) To promote interchange of information in the discipline of information science and its subdivision amongst the specialists and between specialists and the public.
- ii) To encourage and assist the professionals to maintain the integrity and competence of the profession.
- iii) To foster a sense of partnership amongst the professionals engaged in these fields.

The Society believes in adopting a systematic approach in adapting newer tools and practices of Information and Communication technology with cost-benefit analysis. It is firmly committed to provide a congenial environment for interaction and learning through Seminars, Symposia, Workshops and Conferences among research and academic institutions and industry.

The Society has come a long way in 39 years of its existence; it has been able to pursue its mandate quite successfully maintaining its vibrant character. It is a body of experts and leading professionals from different esteemed Indian institutions such as CSIR, IITs, IIMs, ICMR, and different universities, colleges and others in the field of Information Science. It functions through an Executive Committee consisting of experts from different institutions and assisted by various sub-committees for carrying out its programme.

The Society in fulfillment of its objectives regularly organize Workshops, Seminars and Conferences in its chosen domain. Its Annual Conferences, very thematic, well patronized, offer a unique platform of learning and sharing to teachers, researchers in academia and professionals in industry, Such events are unique in pedagogy, rich in research offering and bring to the fore futuristic technical/technological leads. The Society has been offering structural Workshop on how to address the issues related to scholarly communication be it in pure or applied sciences, engineering and even management.

This precisely is the aim of the present Workshop too.

DAV University

DAV University at Jalandhar traces its roots to the legacy that has been reforming and redefining India's educational scenario for 128 years. The university is the culmination of the movement that started with the founding of the first DAV institute to propagate the ideals of the religious and social reformer Swami Dayanand Saraswati in Lahore on June 1, 1886. DAV University is a multi-disciplinary institution, home to faculties of teaching excellence in subjects from engineering technology, languages, management and life sciences. The University encourages interdisciplinary studies and believes that all areas of study can inform and enrich each other. Since DAV University aims academic excellence, its curriculum conforms to that of the world's very best universities. This institution is set to become a global hub in education, research and placement of the students.

Workshop Faculty:

Dr B C Sharma: Dr Sharma a doyen amongst Science editors in India holds a Ph.D. In Inorganic Chemistry from Indian Institute of Science, Bangalore where he was awarded the prestigious JC Ghosh Award of IISc, Bangalore for the best thesis. Starting his career in science editing from the then Publication and Information Dte of Council of Scientific and Industrial Research (CSIR) Dr Sharma has published several scores of research, technical and popular science papers/articles in national and international journals. Out of the five books published by him two are on scholarly communication.

With over 40 years of experience as science editor, Dr Sharma served as Editor of the Indian Journal of Chemistry and Science Reporter. After his superannuation as Chief Scientist from National Institute of Science Communication and information Resources, a unit of CSIR, New Delhi he worked as a Consulting editor for BI Publications, New Delhi bringing out many medical reference and text books

Dr Sharma is a much sought after resource person serving as a faculty member in several training programmes in science communication.

Dr K. Satyanarayana: Dr Satyanarayana holds a Doctorate degree in biosciences and has been engaged in areas relating to publications, ethics, and intellectual property rights and technology policy issues with special

reference to developing countries for over three decades. He was with the Indian Journal of Medical Research for over two decades and the Editor-in-Chief of the Journal until 2011. Under his leadership, the IJMR became the top medical journal from India with the highest impact factor. He has also participated in national and international meetings on publication, ethics and intellectual property rights. For over two decades, he has been training young and middle level doctors and scientists on the skills of communicating science to learned journals, ethics, authorship, IPR issues etc. He formulated the Authorship policy for the ICMR. Dr Satyanarayana has also organized several training workshops for writers and medical journal editors in India and South Asia on writing research papers, research methodology, ethics and IPRs. Dr Satyanarayana was the Ombudsman for the Indian Journal of Pharmacology, the first editor from the developing countries. He is currently the ombudsman for Neurology India. Dr Satyanarayana is currently the Chair of the Central Institutional Ethical Committees of Dr R.M.L. Hospital, New Delhi and the Medicines Sans Frontiers (MSF), Paris's India Institutional Ethics Committee at New Delhi in India. He is a member of the International Editorial Board for the two volumes Intellectual Property Management in Health and Agricultural Innovation: A Handbook of Best Practices, Oxford, UK. He advises the Government of India, Ministry of Health & Family Welfare and was a global expert for the World Health Organization, Geneva and SEARO, New Delhi on several occasions. He is currently Director-rank scientist and the Co-ordinator of the Department of Health Research, Govt of India.

Dr G. Mahesh: Dr. G. Mahesh is currently Head, National Science Library, National Institute for Science Communication and Information Resources, New Delhi and Editor, *Annals of Library and Information Studies*, India's leading library and information science journal. He is also the Project Leader and Coordinator of the National Knowledge Resource Consortium that facilitates access to numerous electronic resources to all the CSIR and DST Institutions in the country. He is also currently the National Focal Point Coordinator (India) of the SAARC Documentation Centre and has traveled to Pakistan, Maldives, Nepal, Thailand, Vietnam etc. to conduct training programmes and deliver lectures. Dr. G. Mahesh has nearly 17 years experience and has authored about 21 papers in Indian and foreign journals. He been been a team member of many projects including the National Science Digital Library and has been carrying out scientometric studies at CSIR-NISCAIR.

Dr Vidula Sahajpal: Dr Sahajpal, M.Phil and Ph. D in English, is currently an Associate Professor at DAV University, Jalandhar, with over 30 years of experience in teaching graduate and post-graduate students. Having spent a major part of her professional career at MCM DAV College, Chandigarh where apart from regular academic activities she was Dean, Publications with a major responsibility to conceptualise, plan and publish every major report of the College. Her forte is study of grammar, linguistics and phonetics. She has been a resource person for a number of workshops/training programmes in various academic and research institutions.

Participants and Participation Fee:

To bring a training rigour and effective learning the Workshop will admit only 50 participants.

In addition to training pedagogy and on-hand training exercises each paying participant will get his/her personal copy of the book:

'Scientific and Technical Reports: How to write and illustrate' by Dr B C Sharma, 2014, Narosa Publishing House, New Delhi'

The participation fee for faculty/researchers/industry professionals: Rs. 1500/- (covers the costs towards the course material, lunch and morning and afternoon teas)

The participation fee for the students: Rs 1000/- (would cover all as above, but for the book).

Payment Options:

1. Demand Draft :	2. NEFT transfer :	
in favour of Registrar, DAV University, Jalandhar. Payable at Jalandhar.	ACCOUNT NO ACCOUNT NAME BANK NAME BRANCH BRANCH CODE IFSC CODE	32960453224 REGISTRAR, DAV UNIVERSITY, JALANDHAR STATE BANK OF INDIA SARMASTPUR, DAV UNIVERSITY, JALANDHAR-144012 16307 SBIN0016307

Programme:

DAV University-Society for Information Science

National Workshop on

“The art and science of scholarly communication:

Writing better research papers”

14th March 2015

Session I: 09.30-1000hrs: Inaugural session

-Welcome

-Purpose and scope of the Workshop

Session II 10.00-10.45 hrs: Purpose, characteristics and style of science communication

- B C Sharma

Tea: 10.45-11.00 AM

Session III 11.00-11.45 hrs: Scholarly journals and Research Communication: Changing landscape

- G Mahesh

Session IV 11.45-12.45 hrs: Research paper writing– Guide to communicating effectively

- B C Sharma

Round Table I 12.45-13.15 hrs

Lunch: 13.15-14.00 hrs

Session V 14.15-15.00 hrs: Ensuring integrity of the research records: Peer review and other systems

- K. Satyanarayana

Session VI 15.00-15.45 hrs: Being grammatically correct: Drafting effective reports

- V Sahajpal

Tea: 15.45-1600 hrs

Session VII 16.00-16.45hrs: Ethical issues in scientific research and publication

- K Satyanarayana

Session VIII 16.45-17.15 hrs

Round Table II Concluding session

How to Apply:

Interested individuals may fill the registration form at: www.tinyurl.com/WS-DAVU and submit the same by March 5, 2015. For more information, please contact:

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