Sarvajanik College of Engineering and Technology
Surat, Gujarat

Expert Talk
on
"Publication Etiquette and Research Ethics"

In Association with

Institution's Innovation Council (IIC), SCET

and

IEEE Student Branch, SCET

Faculty Coordinators
Dr. Chirag N Paunwala
Dr. Dhruti P Sharma

Speaker
Dr. Gaurav Sharma,
Professor,
University of Rochester

Dates
6th Feb, 2023

Venue
Tifac Hall, Sarvajanik University, Surat
/ Google meet + YouTube live

Event flyer

PUBLICATION ETIQUETTE AND RESEARCH ETHICS:

Things You should know before submitting Your Next Paper

📅 10th March, 2023

🕐 2:00 PM onwards

💲 No Registration Fees

📍 Seminar Hall, Sarvajanik University/ Google Meet (Hybrid mode)

Perks of joining the session!!!
- Certificates will be provided !!!
- Awareness about Publications !!!
- Providing clarity in research domain.

SPEAKER OF THE DAY

Dr. Gaurav Sharma

Professor of Electrical and Computer Engineering,
Computer Science,
Biostatistics and Computational Biology ,
Georgene Institue for Data Science,
University of Rochester

ABSTRACT

Publishing a research paper is usually an exciting experience for most researchers. In this excitement, it is important to not forget that the writing process for the first few manuscripts also often lays the ground for future habits. This presentation, intended for authors unfamiliar with the process of publishing a technical paper, provides a guide to established etiquette and ethics in scholarly publishing. We begin with an overview of the typical peer review process for an archival journal, which provides the context and motivation for the ensuing discussion.

SPEAKER BIOGRAPHY

Gaurav Sharma is a professor in the Departments of Electrical and Computer Engineering, Computer Science, and Biostatistics and Computational Biology, and a Distinguished Researcher in Center of Excellence in Data Science (CoE) at the Goergen Institute for Data Science at the University of Rochester.

He received the PhD degree in Electrical and Computer engineering from North Carolina State University, Raleigh in 1996. From 1993 through 2003, he was with the Xerox Innovation group in Webster, NY, most recently in the position of Principal Scientist and Project Leader.

His research interests include data analytics, cyber physical systems, signal and image processing, computer vision, and media security; areas in which he has 55 patents and has authored over 220 journal and conference publications.

He served as the Editor-in-Chief for the IEEE Transactions on Image Processing from 2018 through 2020, and for the Journal of Electronic Imaging from 2011 through 2015. He is a member of the IEEE Publications, Products, and Services Board (PSPB) and chaired the IEEE Conference Publications Committee in 2017-18.

ORGANISED BY
SARVAJANIK UNIVERSITY

IEEE SCET Student Branch

INSTITUTION'S INNOVATION COUNCIL

IEEE Signal Processing Society SCET STUDENT BRANCH CHAPTER

IEEE Signal Processing Society GUJARAT CHAPTER

FACULTY COORDINATORS
- Dr. Chirag N. Paunwala, (SU-RC, Convener)
- Dr. Dhruti Sharma, (Asst Professor, IT Department, SCET)

▶ https://meet.google.com/mba-bmzw-sbg ▶

❖ About SCET College and IEEE SCET:

SCET being one of the Institutes of the biggest Philanthropic Society- Sarvajanik Education Society of the Country has a strong base of values and commitments to create a progressive civilization. SCET located in the heart of the city presently enrolls more than 2000 students in various disciplines of Engineering and MCA where-in we run 9 UG courses and 5 PG courses. College is led by Honorable Principal, Dr. Hiren Patel.

Institute of Electrical and Electronics Engineers (IEEE) is the world's largest technical professional organization founded in 1963 with the motto of "Advancing Technology for Humanity". It was founded as a result of the merger of the American Institute of Electrical Engineers & the Institute of Radio Engineers. IEEE has 39 societies and 7 Technical Councils with its network spread across 160 countries.

❖ About Publication Etiquette and Research Ethics:

Expert talk on Cyber Security awareness, 2023 was organized in Association with entity of **IEEE Signal Processing Society** and **IEEE SB** under the banner of SCET, Surat.

Objective:

Publishing a research paper is usually an exciting experience for most researchers. In this excitement, it is important to not forget that the writing process for the first few manuscripts also often lays the ground for future habits. This presentation, intended for authors unfamiliar with the process of publishing a technical paper, provides a guide to established etiquette and ethics in scholarly publishing. We begin with an overview of the typical peer review process for an archival journal, which provides the context and motivation for the ensuing discussion. Next, we outline several of the basic tenets of ethical behavior in scholarly research and publication, which are accepted internationally across a wide range of scientific and engineering disciplines. Then we elaborate upon finer points of etiquette where established practices often offer differ between disciplines and may not be immediately obvious to first time authors. Key concepts such as biased/fraudulent reporting of results, plagiarism, reproducibility, duplicate submission, and disclosure expectations are illustrated via a number of case studies used throughout the presentation.

Duration:

10th March, 2023
2:00 PM onwards.

Venue:

Tiffac hall (SU), Surat

Coordinating Team:

<u>Faculty Coordinators:</u> Dr. Chirag N Pawnwala, Dr. Dhruti Sharma

Participants:

Over 80+ researchers, scholars, and students from various departments and institutes across the university

Speaker Profile:

His research interests broadly include Information Security and Blockchain Technology. In addition, he is interested in other research areas where there is a need for security and/or decentralization such as Security in Wireless Sensor Networks (WSNs) or Security in Internet of Things (IoTs). A number of reputed national and international journals and conferences published his research articles. Dr. Keyur Parmar has coordinated many workshops in the areas related to his research expertise. In addition, he regularly delivers exert talks related to his research interests at many institutes/universities. Currently, he is working on a research project, titled, "Design and Analysis of Secure and Efficient Smart Contracts using Blockchain Technology", funded NIT, Surat, as a part of Seed Money/Research Grant. In addition, he supervises two PhD students and many B.Tech./M.Tech. students in the areas of his research interests. He supervised many B.Tech. and M.Tech. students in the last few years. As an assistant professor, he is also involved in teaching to B.Tech., M.Tech., and Ph.D. students. His teaching interests mainly include subjects related to Information Security, Cryptography, and Network and System Security. In addition, he is interested in teaching fundamental computer science subjects such as Design and Analysis of Algorithms, Data Structures, and Fundments of Computer and Programming. Prior to joining NIT, Surat, he was an assistant professor at Indian Institute of Information Technology (IIIT), Vadodara, India. He received his Ph.D. from the Department of Computer Engineering, NIT, Surat, India. While pursuing his Ph.D., he worked in a DeitY, Govt. of India (now, MeitY, Govt. of India) sponsored research project as a senior research fellow for more than three years. His Ph.D. thesis, titled, "Secure In-network Processing of Encrypted Data in Wireless Sensor Networks" involves multi-disciplinary research areas, namely, cryptography, computer networks, and embedded systems. The thesis mainly comprises techniques to mitigate security issues in resource constrained environments such as Wireless Sensor Networks (WSNs). He presented his doctoral work at the IDRBT Doctoral Colloquium 2015 and won the prize and the citation.

Summary:

On March 10th, 2023, the IEEE SCET and Institution's innovative council at Sarvajanik University organized an expert talk on "Publication Etiquette and Research Ethics" by Dr. Gaurav Sharma, an eminent researcher and academician in the field of scientific publishing. The talk was attended by over 80+ researchers, scholars, and students from various departments and institutes across the university.

Dr. Gaurav Sharma began his talk by emphasizing the importance of research ethics and publication etiquette in the academic community. He stressed that adhering to ethical principles and publishing guidelines is not only a moral obligation but also a professional responsibility of

every researcher. He discussed several key issues related to publication ethics, such as authorship, plagiarism, data fabrication, and conflict of interest.

Dr. Gaurav Sharma highlighted the significance of proper authorship attribution and the importance of ensuring that all co-authors have made a significant contribution to the research work. He also explained the various forms of plagiarism and how to avoid it while citing and referencing previous works. He urged the audience to maintain the integrity of their research data and not to engage in any form of data manipulation or fabrication.

In addition, Dr. Gaurav Sharma discussed the importance of disclosing any potential conflict of interest in research and publication. He emphasized that researchers should be transparent about any financial or personal relationships that might influence their work and the reporting of their results. He also encouraged the audience to adhere to the ethical principles outlined in their respective field's code of conduct and to seek guidance from their supervisors or peers when in doubt.

The talk concluded with a lively Q&A session, during which Dr. Gaurav Sharma answered several queries from the audience, including issues related to self-plagiarism, peer review, and the role of editors in ensuring publication ethics. The attendees appreciated Dr. Smith's insights and expertise and expressed their gratitude for the informative and engaging talk.

Overall, the expert talk on "Publication Etiquette and Research Ethics" by Dr. Gaurav Sharma was a valuable learning experience for all attendees, emphasizing the importance of ethical research practices and providing guidance on adhering to publication guidelines. It is hoped that such events will continue to be organized in the future to promote awareness and understanding of research ethics and publication etiquette in the academic community.

❖ **Event Glimpse:**