



Sarvajani 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
10th March, 2023

Venue
Tifac Hall, Sarvajani 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, Sarvajani 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 ,
Goergen Institute 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
SARVAJANI UNIVERSITY



FACULTY COORDINATORS

- Dr. Chirag N. Paunwala, (SU-RC, Convener)
- Dr. Dhruvi 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-Sarvajanic 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:

Faculty Coordinators: Dr. Chirag N Pawnwala, Dr. Dhruti Sharma

Participants:

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

Speaker Profile:

Gaurav Sharma is with the University of Rochester, where he is a Professor in the Department of Electrical and Computer Engineering , Department of Computer Science , and Department of Biostatistics and Computational Biology. He is also a Distinguished Researcher in Center of Excellence in Data Science (CoE) at the Goergen Institute for Data Science . From 2008-2010, he served as the Director for the Center for Emerging and Innovative Sciences (CEIS), a New York state supported center for promoting joint university-industry research and technology development, which is housed at the University of Rochester. From 1996 through 2003, he was with Xerox Research and Technology in Webster, NY first as a member of research and technology staff and then as a Principal Scientist and Project Leader. He received the Ph.D. in Electrical and Computer Engineering from North Carolina State University, Raleigh, NC, and masters degrees in Applied Mathematics from NCSU and in Electrical Communication Engineering from the Indian Institute of Science, Bangalore, India. He received his bachelor of engineering degree in Electronics and Communication Engineering from Indian Institute of Technology, Roorkee (formerly, Univ. of Roorkee).

Dr. Sharma is a fellow of the IEEE, a fellow of SPIE -- the international society for optics and photonics, and a fellow of the Society for Imaging Science and Technology (IS&T). He is also an elected member of Sigma Xi, the scientific research society and the Phi Kappa Phi and Pi Mu Epsilon honor societies. Dr. Sharma was a 2020-21 Distinguished Lecturer of the IEEE Signal Processing

Society and has previously served as an SPIE Visiting Lecturer . Dr. Sharma served as the Editor-in-Chief for the IEEE Transactions on Image Processing from 2018-2020 and as the Editor-in-Chief for the Journal of Electronic Imaging from 2011 through 2015. Dr. Sharma is a member of the Editorial Board of the Proceedings of the IEEE and has previously served and as an associate editor for the Journal of Electronic Imaging, for the IEEE Transactions on Information Forensics and Security and for the IEEE Transactions on Image Processing. He is the editor of the "Digital Color Imaging Handbook" published by CRC press. Dr. Sharma served as the 2010-2011 chair for the Image, Video, and Multi-dimensional Signal Processing Technical Committee, of the IEEE Signal Processing Society and as the 2007 Chair of the IEEE Rochester Section. He is also a past member of the IEEE Spectrum Editorial Advisory Board, the Information Forensics and Security Technical Committee , the Multimedia-Signal Processing Technical Committee of the IEEE SPS, and of the Industry DSP Technology Standing Committee, of the IEEE Signal Processing Society. He was the Chair and Co-Chair, respectively, for the 2013 and 2012 IS&T/SPIE Electronic Imaging (EI) Symposia and Technical Program Co-Chair for the 2012 and 2016 editions of the IEEE International Conference on Image Processing (ICIP). Dr. Sharma is a member of the IEEE Signal Processing and Communications Societies of the IEEE. He serves on the IEEE Publication Services Product Board (PSPB) and is the current chair of the IEEE PSPB Strategic Planning Committee. From 2015 through 2017 he served as the Treasurer for the IEEE PSPB and in 2017 and 2018 he served as the Chair of the IEEE Conference Publications Committee (CPC). In 2015 and 2016, he served on the IEEE Signal Processing Society's Conferences Board and its Executive subcommittee.

Summary:

On March 10th, 2023, the IEEE SCET and Institution's innovative council at Sarvajanic 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 Glimpses:





