

Proceedings of IMPACT-2026

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Preface

The International Conference on Multidisciplinary Perspectives in Advanced Computing and Technology (IMPACT-2026) is scheduled to be held on 10th and 11th January, 2026. The conference is organized by the Department of Information Technology, College of Technology, G.B. Pant University of Agriculture and Technology, Pantnagar, Uttarakhand, India. IMPACT-2026 serves as a vital academic forum, bringing together researchers, academicians, industry professionals and practitioners from diverse disciplines to share knowledge and explore recent developments in advanced computing and technology.

The conference aims to provide a multidisciplinary platform for presenting and discussing research advancements in areas related to computing, information technology and emerging technological domains. By encouraging interaction across disciplines, IMPACT-2026 promotes innovative thinking and the integration of theoretical and applied research perspectives that address contemporary scientific and technological challenges. Advanced computing and related technologies continue to influence multiple sectors by enabling intelligent systems, data-driven decision-making, and efficient technological solutions. IMPACT-2026 aspires to contribute to this progress by facilitating the exchange of ideas, methodologies and practical experiences that support sustainable and scalable technological development.

The successful organization of IMPACT-2026 is made possible through the dedicated efforts of the organizing and technical committees, whose commitment ensures the academic quality and smooth conduct of the conference. Their contributions play a vital role in creating a rigorous and inclusive environment for scholarly exchange.

The Organizing Committee expresses its sincere gratitude to all contributors, reviewers, committee members, and participants for their support and active participation. It is our sincere hope that IMPACT-2026 will foster meaningful discussions, inspire future collaborations, and make significant contributions to advancements in multidisciplinary computing and technology research for the benefit of society.

The conference received an overwhelming response from the international research community, with more than 850 submissions from authors from both academia and industry. Following a rigorous peer-review process, approximately 20% of the submissions were accepted. All accepted and duly presented papers will be published through the DMPedia Conference Series in the official conference proceedings with an ISBN number, indexed in Google Scholar, and each paper will be assigned a unique DOI, ensuring wide dissemination and strong international visibility. This strong participation reflects the trust and enthusiasm of researchers worldwide and reinforces IMPACT-2026's commitment to maintaining high academic and technical standards.

The success of IMPACT-2026 is the result of the dedicated efforts of all committee members, reviewers and volunteers, who played a crucial role in the smooth planning and execution of the conference.

We hope that IMPACT-2026 provides a vibrant forum for intellectual exchange, encourages meaningful collaboration, and makes a lasting contribution to multidisciplinary and emerging technologies research for the broader benefit of society.

Organizing Committee
IMPACT-2026