

**Innovative Multidisciplinary**

**“Approaches to Global Challenges:  
Sustainability, Equity, and Ethics in an  
Interconnected World”**

**IMASEE-2025**

**Organized By:**

**Vivekananda Global University**

**Sector 36, NRI Road, Jagatpura, Jaipur**

**In Association With**

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**Editors**

**Prof. (Dr) Deepali Singh  
Dr. Harshita Sharma**

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***Publish By:***

***A.R. Research Publication***

## *Preface*

Conference word and AR Research Publication is a fast-growing group of academicians in Engineering, Sciences, and Management. A R Research Publication is also known for its fast reply and zero-error work. The conference world has organized various conferences at renowned places namely Delhi University; New Delhi, Jawaharlal Nehru University; New Delhi, PHD Chamber of Commerce and industry New Delhi, YMCA New Delhi, India International Centre New Delhi, Sri Venknteswara College of Engineering and Technology, Andhra Pradesh, Vedant Engineering Kota and many more places across the country.

We are very pleased to introduce the proceedings of the Innovative Multidisciplinary Approaches to Global Challenges: Sustainability, Equity, and Ethics in an Interconnected” IMASEE-2025. The Recent Innovations & Development in field of Engineering and Technology were addressed by the papers presented at the conference. The level of Interest in the subject matter of the conference was maintained from previous events and over 27 suitable papers were submitted for presentation at the conference.

Papers were well represented at the conference to arouse a high level of international interest. The presented papers maintained the high promise suggested by the written abstracts and the program was chaired in a professional and efficient way by the session chairmen. The program was chaired professionally and efficiently by the session chairmen also highly gratifying, showing the high level of interest in the subject. This Proceeding provides a permanent record of what was presented. They indicate the state of development at the time of writing of all aspects of this important topic and will be invaluable to all authors in the field for that reason. Finally, it is appropriate that we record our thanks to our fellow members of the Technical Organizing Committee for encouraging participation from those areas. We are also indebted to those who served as chairmen, without their support, the conference could not have been the success that it was. We also acknowledge the authors themselves, without whose expert input there would have been no conference. Their efforts made a great contribution to its success.

## **About University**

Vivekananda Global University (VGU), Jaipur, is a pioneer in delivering holistic education that aligns with global standards. Since its inception in 2012, VGU has been steadfast in its mission to nurture intellectual coherence, integrity, and a strong social conscience among its students. The university's approach emphasizes developing well-rounded individuals equipped with critical thinking skills, the ability to evaluate issues from multiple perspectives, and the capacity to communicate effectively.

Sponsored by the Bagaria Education Trust, Vivekananda Global University has evolved into a highly dynamic institution with a transformative mission and a comprehensive developmental agenda. With prestigious accreditations such as NAAC Grade A+, QS World University Rankings - Asia 2025 (Band 681-700), and ICAR, the university is recognized as one of the fastest-growing and leading educational institutions in the country. Achieving this remarkable status in just over a decade, it has firmly established itself as a key player in both the regional and national educational landscape.

At Vivekananda Global University, education is anchored in a commitment to foundational knowledge, rigorous academic research, and practical engagement with real-world challenges. With a vibrant community of over 10,000 students representing nearly every Indian state and union territory, as well as more than 30 countries worldwide, the university fosters a truly global learning environment. Offering a diverse array of undergraduate and postgraduate programs, guided by distinguished faculty, we ensure a comprehensive and exceptional educational experience tailored to empower future leaders and innovators.

Our faculty members, representing diverse regions across India, make significant contributions to advanced research and high-impact publications. The university cultivates a robust research ecosystem through both individual and collaborative projects on national and international platforms. Specialized centers, emerging from distinct disciplinary expertise, along with multidisciplinary research initiatives, further elevate the university's dynamic and research-intensive environment.

Embracing a diverse spectrum of disciplines, the university thrives in an educational environment primarily focused on technical and vocational training. Since its inception, VGU has remained steadfast in its commitment to delivering holistic educational experiences. Beyond academic excellence, the university is dedicated to nurturing the attributes and skills that define a distinguished professional in the global arena.

The university derives its name and inspiration from Swami Vivekananda, a visionary advocate of holistic human development encompassing physical, mental, and spiritual dimensions. His emphasis on integrating science and technology into education, particularly focusing on technical education for industrial progress, serves as a guiding principle for our institution. Rooted in Swami Vivekananda's philosophy, our core values reflect his timeless ideas, forming the foundation of our mission. We are committed to fostering the physical, mental, emotional, secular, and spiritual growth of our students, aiming to shape them into globally competent professionals and responsible citizens. These enduring ideals, deeply rooted in Indian culture, continue to inspire and guide us across generations.

### **About IARDO**

International Association of Research and Developed Organization (IARDO) is a leading organization in the field of academic research activities under the banner of India Educational Charitable Trust (Regd).

International Association of Research and Developed Organization (IARDO) is an apex body that promotes and encourages commendable achievements from all over the country. The organization under conference world regularly organizes national and International level conferences with the help of its members to promote socially responsible education practices and sustainable development in economic as well social front in India.

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## **Conference Conveners**

**Dr. Boola Choudhary,**

Associate Professor, Department of Management Studies

**Prof. (Dr) Deepali Singh,**

Associate Dean R&D Department

**Dr. Garima Chauhan,**

Assistant Professor, Department of Development Studies

**Dr. Harshita Sharma,**

Assistant Professor, Department of Development Studies

## **Message by Trustee & CEO**

Dear all,

Warm appreciation goes out to all participants during the IMASEE-2025 event at Vivekananda Global University and for making this conference a triumphant achievement. Your active engagement combined with analytical conversations alongside shared expertise enhanced the quality and influence of this conference.

The theme "Innovative Multidisciplinary Approaches to Global Challenges: Sustainability Equity and Ethics in an Interconnected World" led our conference toward innovation creation and collaborative work across vital challenges in the field. Through their participation our expert speakers alongside panelists and scholars initiated profound discourse that laid the groundwork for future progress.

The Convenors along with the organizing committee and our partners deserve profound appreciation for their relentless dedication that allowed the successful delivery of this conference. The successful realization of this vision owes its success to the dedicated work and strong commitment of everyone involved. Reflections from our gathering should inspire you to apply conceptual leanings in your particular work areas moving forward. This gathering needs to pave the way for sustainable learning practices together with stimulating teamwork dimensions and inspiring innovation across all fields.

Heartfelt gratitude extends once more to all participants who joined our path throughout this gathering. The positive effects of this event's ideas and relationship development excite me as I anticipate joining future programs for you all.

**Sincerely,**

Er. Onkar Bagaria

Trustee & CEO

Vivekananda Global University

## **Message by President**

Dear all,

I am delighted to extend a warm greeting to you at the Vivekananda Global University-hosted IMASEE-2025 International Conference on Innovative Multidisciplinary Approaches to Global Challenges: Sustainability, Equity, and Ethics in an Interconnected World. This conference provided an essential forum for cooperation, creative idea sharing, and intellectual discussion that can influence future global challenges.

Our goal at Vivekananda Global University is to foster academic research excellence via insightful discussions that enhance knowledge. At our event, renowned scholars, business executives, and students from all disciplines collaborate to share their viewpoints.

My sincere gratitude is extended to the Conveners, our organizing committee, and our partners, whose hard work made this meeting possible. For all attendees, the event should provide an uplifting sequence of positive contacts.

**Sincerely,**

Prof. N.D. Mathur

President

Vivekananda Global University



## **Message by Pro-President**

Dear All,

The IMASEE-2025 at Vivekananda Global University is feather in the cap of Department of Development Studies and Department of Management Studies and I Sincerely appreciate the efforts of the individuals thank all individuals for the conduction of conference. The Conference is addressing various global challenges and solutions through multidisciplinary approach. I expect all the participants of this conference has commitment towards knowledge-sharing and sure that they make the conference better and strengthen the event with academic excellence.

The theme "Innovative Multidisciplinary Approaches to Global Challenges" has inspired intelligent conversation along with novel solutions and team-based work which will positively transform this specific area of study. Our speakers together with panelists and researchers have to provide an excellent basis for stimulating both innovation and significant informativeness developments.

My sincere gratitude goes to the Convenors along with the organizing committee members and partner because their continued commitment will enable this conference a grand success. The organizing committee's sustained commitment together with their labor has built a setting dedicated to learning while supporting both networking and intellectual development. Future participants should develop new connections as they use the knowledge gained in this event.

Thank you once more for the efforts of the organizing committee to make this event a successful one and sure that all the participants actively participate in the deliberations of this conference.

Best Regards,

**PROF.D.V.S.BHAGAVANULU**

Pro-President (RA),

Vivekananda Global University

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