



Vikrant
University
— GWALIOR —

is organizing an

INTERNATIONAL CONFERENCE

on

**Emerging Challenges and Research
Frontiers in Digital Transformation
(ICECRF 2026)**

**Theme: Digital Transformation
and its Emerging Research Frontiers.**

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30 - 31 January 2026

Venue: **Vikrant University**, Ratwai, Chittora Road,
Gwalior, Madhya Pradesh – 474006, India

ABOUT THE CONFERENCE

The International Conference on Emerging Challenges and Research Frontiers in Digital Transformation (ICECRF 2026) will be a platform for thematic discussions based on "Digital Transformation and its Emerging Research Frontiers". The conference seeks to assemble academicians, scholars, industry professionals, and students to the conference to discuss the digital transformation. The discussions will concentrate on how the individual is affected and consider the interrelations between the disciplines such as Artificial Intelligence, Machine Learning, Big Data, Cyber-Physical Systems, Digital Governance, FinTech, EdTech, and HealthTech, etc. that are energizing the digital ecosystem.

ICECRF 2026 is a perfect stage for university scholars, researchers, academicians, professionals, and policymakers to publicly express their views after a thorough analysis on the topic of digital transformation. It is a conference that welcomes cross-disciplinary interaction from computer science, engineering, management, social sciences, and policy studies. Besides issues, the conference would deliberately focus on the benefits side of digital revolution also. The six thematic tracks would range from

such areas as Artificial Intelligence, Machine Learning, Legal Technologies, Digital Law, Digital Education, Digital Health, FinTech, and Entrepreneurship.

The conference seeks to deepen the understanding with the help of interrelations of university and industry and, at the same time, to be a source of fresh ideas. Attendees will understand the intricacies of digital ecosystems and have a say in creating the digital society of the future. ICECRF 2026 by uniting the top experts throughout the globe will not only facilitate academic and professional discourse but also open new routes of research and innovation. Thus, the conference is aiming at facilitating the ongoing digital world transformation by acting as a catalyst.

Researchers, faculty members, and academicians are welcome to submit original, unpublished works highlighting emerging challenges and offering radical solutions in line with the themes of the conference. ICECRF 2026 is a great platform to connect different disciplines and real-world empirical studies to deepen the understanding of the transition of our world into a digital space.

PURPOSE AND AIM

The primary purpose of ICECRF 2026 is to combine different disciplines that are diverse but connected in terms of the theme under one logical framework to facilitate better understanding of the digital metamorphosis. The digital transformation has permeated all the walks of life, and is affecting decision-making, policy formulation, service delivery, innovation cycles, and socio-economic development. The conference intends to encourage discussions that link technological innovations to governance systems, business models, legal structures,

educational practices, and socially responsible development. It wants to energize theoretical, applied, and real-world case study research contributions that deepen the understanding of digital-first ecosystems.

ICECRF 2026 is marked by its thematic coherence. ICECRF 2026 is a single-focus conference where digital transformation is the overriding theme for all academic discussions. This leads to greater conceptual depth, uniformity of review standards, and stronger scholarly contributions of highest quality.

CORE OBJECTIVES

1. Promote Academic Dialogue

The conference is designed to facilitate the exchange of ideas among scholars, researchers, and professionals. It really is a forum for academic dialogue concerning digital transformation and its societal impact.

2. Explore Technological Impact

The conference looks into the use of Artificial Intelligence, Machine Learning, Big Data, and Cyber-Physical Systems to radically change the institutions. The paper demonstrates their power to influence governance, business, education, and healthcare.

3. Foster Interdisciplinary Exchange

By holding the conference, the organization is able to pool the different opinions from the computer science, engineering, management, social sciences, and policy studies. The conference recognizes those contributions that abolish the academic fences and produce holistic solutions

to the modern problems of the world.

4. Encourage Innovation and Collaboration

With the help of the conference, the relationship between university and industry is to be made stronger. The conference is a playground for the new ideas and workable digital ecosystems solutions.

5. Advance Research Quality

The conference is solely focused on digital transformation as the main theme. This is one way to ensure high-quality and conceptually deep contributions from the scholars.

6. Inspire Real-World Impact

The conference is different from other venues in the sense that it theoretically, applied, and case-study invitations only. The conference, however, seeks such knowledge only if it is rooted in practice and is socio-economically developmental in nature

ABOUT VIKRANT UNIVERSITY

Vikrant University, one of the best universities in Gwalior, was established under Madhya Pradesh Act No. 25 of 2022 by the Government of Madhya Pradesh as a private educational institution to provide higher education and career opportunities in the fields of Engineering and Technology, Management and Commerce, Legal Studies, Agricultural Science, Humanities and Culture, Natural and Applied Sciences, Pharmacy, Yoga and Naturopathy, and Arts and Design.

Vikrant University is recognised as one of the best universities in Gwalior, with the sole objective of setting new standards in higher education, research, and innovation—guiding learners towards the pinnacle of success. Our commitment remains strong and firm in promoting high-quality interdisciplinary research in a vibrant and pluralistic environment. To achieve this goal, we have developed state-of-the-art infrastructure and assembled a team of



dedicated, highly qualified professionals.

To turn this vision into reality, the strength of Vikrant University lies in its renowned faculty members, who possess distinguished academic and research achievements across various disciplines.

ABOUT GWALIOR

Gwalior is a major city in the central Indian state of Madhya Pradesh; it lies in the northern part of the state and is one of the Counter-magnet cities. Located 343 kilometres south of Delhi, the capital city of India, 120 kilometres from Agra and 414 kilometres from Bhopal, the state capital, Gwalior occupies a strategic location in the Gird region of India. The historic city and its fortress have been ruled by several historic northern Indian kingdoms. From the Kachchhapaghata in the 10th century, Tomars in the 13th century, it was passed on to the Mughal Empire, then to the Maratha in 1754, and the Scindia dynasty of the Maratha Empire in the 18th century.

Besides being the administrative headquarters of Gwalior district and Gwalior division, Gwalior has many administrative offices of the Chambal division of northern Madhya Pradesh. Several administrative and judicial organisations, commissions and boards have their state and national headquarters situated in the city.

Gwalior was the winter capital of the state of Madhya Bharat which later became a part of the larger state of Madhya Pradesh. Before Indian independence on 15 August 1947, Gwalior remained a princely state of the British Raj with the Scindia as the local rulers. High rocky hills surround the city from all sides, on the north it just forms the border of the Ganga- Yamuna Drainage Basin. The city however is situated in the valley between the hills. Gwalior's



metropolitan area includes Gwalior city centre, Morar Cantonment, Lashkar Gwalior (Lashkar Subcity), Maharaj Bada, Phool Bagh, and Thatipur.

Gwalior was one of the major locations of rebellion during the 1857 uprising. Post-independence, Gwalior has emerged as an important tourist attraction in central India while many industries and administrative offices came up within the city. Before the end of the 20th century, it became a million-plus agglomeration and now it is a metropolitan city in central India. Gwalior is surrounded by industrial and commercial zones of neighbouring districts (Malanpur – Bhind, Banmore – Morena) in all three main directions.

Gwalior has been selected as one of the hundred Indian cities to be developed as a smart city under PM Narendra Modi's flagship Smart Cities Mission.

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| Dr. Rashmi Gaur | Scientist, CSIR-Indian Institute of Chemical Biology, Kolkata |
| Dr. Anurag Malik | Scientist, Regional Research Station, Panjab Agriculture University |

CONFERENCE THEMES AND TRACKS

All accepted and presented quality papers will be published in the conference proceedings with an ISBN number. Selected papers will be forwarded for further evaluation in Scopus-indexed journals.

Authors are encouraged to contribute research papers, review articles, and case studies that highlight recent innovations, practical implementations, or theoretical breakthroughs in the following thematic areas:

1. Artificial Intelligence, Machine Learning & Data Science

- AI/ML algorithms, deep learning architectures, reinforcement learning
- Generative AI, Large Language Models (LLMs), multimodal AI
- Data mining, big data analytics, data engineering
- Predictive analytics, forecasting models, decision intelligence
- AI for industry transformation, smart services & automation
- Natural Language Processing (NLP), speech recognition, computer vision
- Ethical AI, algorithmic bias, fairness & transparency
- AI deployment frameworks, MLOps, scalable AI systems

2. Cyber-Physical Systems, IoT & Industry 5.0

- Cyber-physical infrastructure, intelligent automation
- Internet of Things (IoT), IIoT, sensor networks
- Edge computing, fog computing & real-time digital architectures
- Robotics, autonomous systems, human – machine collaboration
- Digital twins, simulation modelling & smart manufacturing
- Industry 4.0/5.0 process integration, smart factories
- Embedded systems, microelectronics, mechatronics innovation
- Smart agriculture, smart energy & smart city ecosystems

3. Digital Law, Cybersecurity, Legal Technologies & Policy Innovation

- Cyber Law, Data Protection & Privacy Regulations (GDPR, PDP Bill, etc.)
- Digital contracts, e-governance law, admissibility of digital evidence
- Intellectual Property Rights (IPR) in the digital/AI era
- Legal aspects of AI, robotics, autonomous systems & algorithmic decision-making
- Blockchain regulations, cryptocurrency policy, digital finance law
- Cybercrime investigation frameworks & digital forensic methodologies
- Legal Tech: AI in legal research, court automation, e-filing systems
- Public policy for digital governance, DPI frameworks & cyber resilience

4. Digital Business, FinTech, Management & Entrepreneurship

- Digital business models, platform economy, e-commerce innovation

- FinTech systems, blockchain in finance, digital payments & RegTech
- Digital HR, HR analytics, AI-enabled talent management
- Marketing analytics, consumer behaviour modelling, AI-driven personalization
- Supply chain digitization, logistics analytics, ERP/CRM innovation
- Digital entrepreneurship, start-up ecosystems & innovation management
- Technology-enabled strategy, competitive advantage & value creation
- Business intelligence, KPI dashboards & decision support systems

5. Digital Education, Digital Health & Technology-Enabled Society

- EdTech platforms, AI-driven personalized learning, adaptive assessment
- Immersive technologies in education (AR/VR/XR), gamified learning
- Digital pedagogies, online learning ecosystems, digital literacy
- HealthTech innovations, telemedicine, AI in diagnostics & clinical decision support
- Electronic health records, smart health systems & ICT in healthcare
- Assistive technologies for disability inclusion & elderly care
- Digital inclusion, accessibility frameworks & citizen-centric technologies
- Technology-enabled community systems & socio-technical innovation

6. Sustainable Digital Innovation & Future Research Frontiers

- Climate informatics, AI/IoT for environmental monitoring
- Green computing, energy-efficient systems, carbon-aware data centers
- Smart grids, renewable energy technologies & digital energy solutions
- ICT for Sustainable Development Goals (SDGs)
- Ethical, social & environmental implications of digital transformation
- Digital-driven sustainability policy, ESG analytics & impact reporting
- Emerging global technologies (quantum computing, biotech-AI, neurotech)
- Interdisciplinary studies on digital futures & societal readiness

NOTE:

The above categories are indicative and not exhaustive. Researchers are encouraged to select topics of their choice that align with the central theme of Emerging Challenges and Research Frontiers in Digital Transformation.

CALL FOR PAPERS

The International Conference on Emerging Challenges and Research Frontiers in Digital Transformation (ICECRF 2026) invites scholars, researchers, academicians, practitioners, and policy experts from around the world to submit original and unpublished research papers that explore emerging challenges, contemporary issues, and innovative practices across diverse disciplines.

The conference aims to foster interdisciplinary collaboration and academic dialogue in addressing global concerns related to sustainability, governance, education, technology, and social transformation. Contributions may include conceptual papers, empirical studies, case analyses, and policy reviews that provide novel insights into the evolving dynamics of global development.

TIMELINE OF THE CONFERENCE

| Activity | Date |
|---|----------------------|
| Abstract Submission Opens | 05 November 2025 |
| Full Paper Submission Opens | 25 November 2025 |
| Submission Deadline | 30 December 2025 |
| Notification of Acceptance | 07 January 2026 |
| Camera-Ready Submission of Accepted Papers | 15 January 2026 |
| Last Date for Registration | 20 January 2026 |
| Announcement of Paper Presentation Schedule | 25 January 2026 |
| Conference Dates | 30 - 31 January 2026 |

REGISTRATION FEE

| | | |
|---|---|------------|
| For Presenters: | | |
| Indian Academicians and Professionals | : | INR 5000/- |
| Indian Research Scholars | : | INR 3500/- |
| Indian Students (UG/PG) | : | INR 2000/- |
| Foreign Academicians and Professionals | : | USD 70/- |
| Foreign Research Scholars | : | USD 50/- |
| Foreign Students | : | USD 25/- |
| For Attendees (Without Paper Presentation): | | |
| Indian participants | : | INR 2000/- |
| | | |

Please Note:

- Registration fee includes meals and refreshments.
- The registration fee does not include accommodation, or travel (international/national and local transportation). However, participants may refer to the conference webpage regarding logistics and nearby accommodation details.

KEYNOTE SPEAKERS



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BEST PAPER AWARDS FOR TOP THREE RESEARCH PAPERS IN EACH THEME

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For more details, please visit:
<https://icecrf2026.vikrantuniversity.ac.in/>



REGISTRATION LINK

<https://icecrf2026.vikrantuniversity.ac.in/registration.html>

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