

About the Shivalik College of Engineering

Shivalik Group of colleges (SGOC) is located in the vicinity of Dehradun, Uttarakhand. The institution was established back in 2008 under the Rijan Educational Society, a non-profit organization that solely aims to mobilize world-class education and generate resources for providing and supporting quality education for all, with the vision for a better tomorrow. SGOC was founded by a visionary educationalist, Mr. Sunil Kumar, to serve the needs of the local community and contribute to the constantly growing need for educating the nation with fervor and patriotism. Today, after more than 17 years of selfless service to the country and the community Shivalik College has been the flagship institution of Uttarakhand presently expanded to three colleges Shivalik College of Engineering (SCE), College of Pharmacy (COP), and Shivalik Institute of Professional Studies (SIPS) The college has been conferred autonomous status by UGC. The campus of SGOC is spread over a lush green area of 15 acres, providing an ideal learning environment for students. The organization has state-of-the-art infrastructure and facilities, including well-equipped labs, a well-stocked library and modern classrooms. The campus also has separate hostels for both boys and girls with all the necessary amenities.

About the Department of Applied Sciences

The Department of Applied Sciences at Shivalik College of Engineering plays a vital role in building a strong academic foundation for engineering and professional education. Established with the vision of promoting excellence in scientific and technical learning, the department is committed to providing quality education in the fields of Mathematics, Physics, Chemistry, English, and Environmental Sciences. The department focuses on developing analytical thinking, problem-solving ability, communication skills, and research aptitude among students to meet the demands of modern industry and society. The department is supported by highly qualified and experienced faculty members who continuously guide students through innovative teaching methodologies, practical learning, and research-oriented activities. Equipped with modern laboratories, advanced teaching facilities, and a student-friendly learning environment, the Department of Applied Sciences encourages academic excellence and overall personality development. The

SHIVALIK COLLEGE OF ENGINEERING



Department of Applied Sciences

Announces

6th International Conference

on

Mathematical Modeling, Computational Intelligence Techniques and Renewable Energy

(MMCITRE-2026)

in association with

UCSC, UPTC, ACU

OCTOBER 28-30, 2026

<https://mmcitre.com/>



UCSC



Uptc



ACU

Organized by

Department of Applied Sciences
Shivalik College of Engineering,
Dehradun, Uttarakhand,
248197, INDIA

Chief Patron

Mr. Sunil Kumar

Chairman, Shivalik College of Engineering

Program Chairs

Mr. Ajay Kumar

Vice Chairman, Shivalik College of Dehradun

Prof. T. S. Sidhu

Director, Shivalik College of Dehradun

Conveners:

Prof. U.C. Gupta, Shivalik College of Dehradun, India

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Prof. Jose M. Merigo, University of Technology, Sydney, Australia

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Dr. Walayat Hussain, Australia Catholic University, Australia

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department also organizes seminars, workshops, expert lectures, and interdisciplinary activities to enhance the technical and professional competencies of students. With its dedication towards academic growth, ethical values, and scientific innovation, the department significantly contributes to the mission and vision of Shivalik College of Engineering in shaping skilled and responsible professionals for the future.

About the Universidad Católica de la Santísima Concepción (UCSC)

The history of our institution of higher learning is divided into two major periods: the dependent university (1971-1991), during which the Talcahuano Regional Campus of the Pontifical Catholic University of Chile (PUC) was established, and the autonomous university period (1991 onward), which began with the founding of the Catholic University of the Most Holy Conception (UCSC). The first period is characterized by the development of a university that offered educational programs closely linked to the community and a focus on teacher training. The second period is characterized by the establishment of a regional autonomous university that expanded its scope, evolving from a predominantly teaching-oriented institution to a university specializing in specialized areas. This second period is further divided into three sub-periods: the beginning of autonomy (1991-2005), the beginning of the process of increasing complexity (2006-2013), and the development of a complex university (2014 onward). The UCSC is today a traditional, autonomous, public institution of higher learning that provides comprehensive education and delivers excellent services to the Biobío and Ñuble Regions. It is affiliated with the Council of Rectors of Chilean Universities (CRUCH) and is part of the Chilean Chapter of Catholic Universities, the Association of Regional Universities (AUR), the Organization of Catholic Universities of Latin America and the Caribbean (ODUCAL), and the Network of Non-State Public Universities (G9).

About the Universidad Pedagógica y Tecnológica de Colombia (UPTC)

The Universidad Pedagógica y Tecnológica de Colombia is one of Colombia's premier public institutions of higher education, recognized for its commitment to academic excellence, research,

Conference Proceedings : All submitted papers will be peer-reviewed, and accepted papers will be published in the Springer book series (Proposal Submitted).

Journal Publications (Post Conference)

Some of the selected papers, post-conference after peer review will be published in one of the following international journals.

- Structural Integrity and Life (Proposal Submitted), **Scopus, ESCI**, etc.

Note: More SCI / Scopus / ESCI / Google Scholar / UGC Care Journals will be added.

Important Dates (Tentative)

Full Paper Submission	15th August 2026	https://forms.gle/RmbBYtxzRHyspz9k9
Abstract Submission (Presenter Only)	15th August 2026	https://forms.gle/m71PCNDMTbDENGyk9
Full Length Paper Acceptance	25th August 2026	
Abstract Acceptance	25th August 2026	
Early Bird Registration	10th September 2026	

Registration Fees

Registration Type	Registration Fees
Students (India)	Rs. 5900 (Rs. 5000 + 18% GST)
Faculty Members (India)	Rs. 7670 (Rs. 6500 + 18% GST)
Participants from Industries	Rs. 10620 (Rs. 9000 + 18% GST) / 300 USD (Including GST)
Faculties (Outside India)	250 USD (Including GST)
Students (Outside India)	150 USD (Including GST)
Attendees	Rs. 2360 (Rs. 2000 + 18% GST) / 50 USD
Presenter Only	Rs. 3540 (Rs. 3000 + 18% GST) / 80 USD

Accommodation

Limited accommodation on sharing on a payment basis will be available in the institute guest house/hostel subject to availability. Participants can also book their own accommodation outside the campus.

Objective of the Conference :

The objective of the conference is to create a vibrant intellectual platform where leading researchers, academicians, scientists, industry professionals, and students in the fields of mathematical modeling, computational intelligence techniques, and renewable energy systems come together to exchange ideas, share innovations, and foster interdisciplinary collaborations. The 6th International Conference on Mathematical Modeling, Computational Intelligence Techniques, and Renewable Energy (MMCITRE2026) aims to serve as a catalyst for pioneering research and transformative discussions that address emerging scientific and technological challenges. The conference offers a unique opportunity for participants to present cutting-edge research, engage in meaningful academic discourse, and explore novel methodologies and applications. It aspires to inspire an enriching journey of knowledge, discovery, and innovation, where diverse perspectives converge to illuminate new pathways for scientific advancement, sustainable development, and the betterment of society.

Who can register :

Prof. Kusum Deep, IIT Roorkee, India
 Prof. Natesan Srinivasan, IIT Guwahati, India
 Prof. G D Veerappa Gowda, TIFR CAM Bangalore, India
 Prof. J. Balasubramaniam, IIT Hyderabad, India
 Prof. Pradyumn Kumar Sahoo, Birla Institute of Technology & Science, Pilani, Hyderabad Campus, Telangana, India
 Prof. A.K. Lal, Thapar University, Patiala, India
 Prof. H. C. Taneja, Delhi Technological University Delhi, India
 Prof. M.K. Sharma, Thapar University, Patiala, India
 Prof. Sanjeev Kumar, Dr. B. R. Ambedkar University, Agra, India
 Prof. Mohan Krishen Kadalbajoo, LNMIIT Jaipur, India
 Prof. Manoranjan Mishra, IIT Ropar, India
 Prof. Sk. Safique Ahmad, IIT Indore, India
 Prof. Bhupendra Kumar Sharma, BITS Pilani, India
 Prof. Nutan Tomar, IIT Patna, India
 Prof. S.R. Singh, CCS University, India
 Prof. Mukesh Kumar, Moti Lal Nehru National Institute of Technology Allahabad, India
 Prof. Alok Kumar, Ramanujan College, Delhi University, India
 Prof. Manish Jain, IIT Gandhingar, India
 Prof. Arvind Kumar Gupta, IIT Ropar, India
 Prof. Mukesh Kumar, Graphic Era Deemed to be University, Dehradun, India
 Prof. Anand Chauhan, Graphic Era Deemed to be University, Dehradun, India
 Prof. R.C. Ramola, HNBGU, Srinagar Garhwal, India
 Prof. U.S. Negi, HNBGU, Tehri Garhwal, India
 Prof. S.K. Shah, Uttaranchal University, Dehradun, India
 Prof. Rakesh Mohan, D.I.T University, Dehradun, India
 Prof. S.K. Padaliya, Shri Guru Ram PG College, Dehradun, India
 Prof. A. K. Malik, UP Rajarshi Tandon Open University, Prayagraj, India
 Prof. A.P. Singh, Shri Guru Ram PG College, Dehradun, India
 Prof. Anuja Arora, JIIT, Noida, India
 Prof. Rakesh Kumar Bajaj, JIIT, India
 Prof. Jagdish Chandra Bansal, SAU, India
 Dr. Anu Sayal, Madhav Institute of Technology and Science Deemed University, Gwalior, India
 Dr. Touseef Ahmad, Space Applications Centre (ISRO), Ahmedabad
 Dr. Darshana Likhada, IITE, Gandhinagar, Gujarat, India
 Dr. Sanjaya Kataria, Bennett University, India
 Dr. Meraj Alam, Mahindra University, India
 Dr. Rohit Kumar Mishra, IIT Gandhingar
 Dr. Dimple J. Mahanta, kaziranga University, Jorhat, Assam, India
 Dr. Amit Kumar, University of Petroleum and Energy Studies Dehradun, India
 Dr. Rachna Bhatia, VIT Vellore, India
 Dr. Rajnish Mallick, Indian Institute of Information Technology, Design and Manufacturing, IIITDM Kancheepuram, Chennai
 Dr. Mithilesh Kumar Chaube, IIIT Naya Raipur, India
 Dr. Punit Gupta, PDEU, India
 Dr. Sapna Sharma, Thapar University, Patiala, India

innovation, and social development. Established in 1953, the university has built a strong reputation in engineering, science, technology, education, and interdisciplinary research, offering a wide range of undergraduate, postgraduate, and doctoral programs. With its main campus in Tunja and multiple regional campuses, UPTC promotes an inclusive and globally oriented academic environment that fosters scientific inquiry, technological advancement, and international collaboration. The university is dedicated to nurturing highly skilled professionals, advancing sustainable development, and contributing significantly to societal progress through quality education, cutting-edge research, and strong industry-academia partnerships.

About the Australian Catholic University (ACU)

Australian Catholic University (ACU) is a public university with a distinctive mission grounded in the Catholic intellectual tradition and a commitment to truth, human dignity and the common good. With campuses across Australia, a campus in Rome, and ACU Online, the university brings together teaching, research and community engagement across disciplines including education, health sciences, business, law, theology, philosophy, humanities and social sciences. ACU is recognised for its strong focus on ethical leadership, service, inclusion and real-world impact.

The faculty members from different Institutes, Colleges, Universities and all UG, PG/ Research Scholars, and Industries people are eligible to put forth their research papers for this conference.

Call for Papers :

All the accepted papers will be published in the abstract book and a copy of it will be supplied to all the participants on the day of the Conference. Only peer-reviewed accepted full-length papers will be published in the Indexed Conference Proceeding. All the submitted manuscripts will go through a plagiarism check before technical review. Topics for MMCITRE2026 include, but are not limited, to the following :

- Mathematical Modelling and Simulation
- Numerical Analysis and Scientific Computing
- Computational Fluid Dynamics
- Applied and Computational Intelligence Techniques
- Algebraic Coding Theory and Cryptography
- Quantum Information and Error Correction
- Optimization & Operations Research
- Information and Coding Theory
- Data Science and Artificial Intelligence
- Machine Learning
- Image Processing
- Block Chain Technology and Its Applications
- Soft Computing and Pattern Recognition
- Security and Privacy
- Statistical Analysis of Search Techniques
- Network and Computing Technologies
- Cloud Computing
- Financial Mathematics
- Numerical Linear Algebra
- Water Wave Problems
- Wave-Structure Interaction
- Coastal Engineering
- Renewable Energy
- Energy optimization
- Ocean and Marine Energy
- Precision Agriculture
- Ag-Tech innovations
- Renewable Energy in Agriculture
- Soil Health and Carbon Sequestration
- Agroforestry and Biodiversity
- Organic and Regenerative Agriculture

Dr. Kirit Vaniya, M. G. Science Institute, Gujarat, India
Dr. Anuja Arora, IIT, Noida, India
Dr. Jwngsar Brahma, Tezpur University, India
Dr. Madhu Gupta, Chitkara University, H.P., India
Dr. Vijay K G, Indian Institute of Technology, Madras, India
Dr. Shalini Gupta, HP University, Shimla, India
Dr. Mahendra Kumar Gourisaria, KIIT, Bhubaneswar, India
Dr. Santosh Kumar, IIIT Naya Raipur, India
Dr. Shyamsunder, SRM University, Haryana, India
Dr. Chandra Shekhar Nishad, IIIT Naya Raipur, India
Dr. Shilpa Sood, Career Point University, H.P., India
Dr. Richa Sharma, IIT, Noida, India
Dr. Harsh Vardhan Harsh, Parul University, India
Dr. Ritu Sahni, Nirma University, Gujarat, India
Dr. Payal Singh, Parul University, Gujarat, India
Dr. Parth Mehta, IIM, Ahmedabad, India
Dr. Shikha Deep, Unitedworld Institute of Technology, Gandhinagar, India

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