

International Academic Multi Disciplinary Conference (IAMDC - Jan' 2022)

6 - 8, January' 2022, Manila, Philippines

Two Best paper awards
are given in each track

ICEAT:

Engineering and Technology

ICBAS:

Basic and Agricultural
Sciences

ICMES:

Management, Education and
Social Sciences

Committee

Venue

Final Program

Downloads

Accommodation

■ Call for Papers

The International Academic Multi Disciplinary Conference, IAMDC – Jan' 2022 is being organized by WAIRCO and Enhancer Pvt. Ltd. The conference will provide a platform to the Researchers, Engineers, Managers, Academicians and Industry Executives to share their ideas and views on the advances of Electrical, Electronics, Communication, Information Technology, Production, Mechanical, Civil, Management, Education, Mathematics, Basic Sciences, Agricultural Science and Social Sciences Research areas. The IAMDC – Jan' 2022 is organizing the International Academic Conference in the below Multi Disciplines. It is important for the students, academic staffs and researchers to keep improving the technology to be up-to-date and suitable for the required applications. The research findings must therefore be distributed among the researchers and to the respective communities.

1. **Track – 1:** International Conference on Engineering and Technology (ICEAT)
2. **Track – 2:** International Conference on Basic and Agricultural Sciences (ICBAS)
3. **Track – 3:** International Conference on Management, Education and Social Sciences (ICMES)

➤ **ICEAT: International Conference on Engineering and Technology**

■ Areas of Interest under Engineering and Information Technology

❖ **Electrical Engineering:**

- Applications of FACTS devices
- HVDC Transmission & HVAC Transmission
- Artificial Intelligence and applications to Electrical Engineering
- Power Electronics and Power Drives
- Electric Power System and Automation
- Instrumentation and Control
- Energy and Power Systems
- Electrical Distribution Systems
- Electrical Machines and Analysis
- Power Quality
- Control Engineering
- Power System Operation & Control
- Non Conventional Energy Sources
- Energy Engineering and Management
- Innovative Techniques in Fusion Energy
- Magnetic Properties
- Any other topic related to Electrical Engineering

❖ **Electronics Engineering:**

- Photonic and optoelectronic circuits
- Analog circuits and digital circuits
- Antenna and wave propagation
- Communication Theory
- Embedded systems and Microelectronics
- Filters and data conversion circuits
- VLSI design
- Microwave theory and techniques
- Mixed signal circuits
- Modulation, coding, and channel analysis
- RF and wireless circuits
- Sensor networks
- Signal processing
- Telecommunications engineering

- Optical communications
- Wireless/Mobile communication
- MEMS and Nanotechnology
- Application's of FACTS devices
- HVDC Transmission & HVAC Transmission
- Artificial Intelligence and application to Electrical Engineering
- Power Electronics and Power Drives
- Electric Power System and Automation
- Instrumentation and Control
- Energy and Power Systems
- Electrical Machines and Analysis
- Power Quality
- Control Engineering
- Power System Operation & Control
- Non Conventional Energy Sources
- Energy Engineering and Management
- Innovative Techniques in Fusion Energy
- Magnetic Properties
- Photonic and Optoelectronic Circuits

❖ **Production Engineering:**

- Artificial Neural Networks, Fuzzy Systems, and Hybrid Systems
- Dynamical Systems
- Dynamics and Vibration
- Energy Engineering and Management
- Engineering Materials
- Fatigue and Fracture
- Engineering Systems Design and Analysis
- Fluid Dynamics
- Fluid Mechanics and Machinery
- Fluids Engineering
- Fracture
- Fuels and Combustion
- Heat and Mass Transfer
- Instrumentation and Control
- Internal Combustion Engines
- Machinery and Machine Design
- Manufacturing and Production Processes
- Marine System Design
- Material Science and Processing
- Mechanical Power Engineering
- Mechatronics
- MEMS and Nano Technology
- Micro and Nano Technology
- Multibody Dynamics
- Nanomaterial Engineering
- Naval Architecture and Engineering of Marine Systems
- New and Renewable Energy

❖ **Mechanical Engineering:**

- Advanced Thermal Control Technologies
- Applied Mechanics
- Automation, Mechatronics and Robotics
- Automotive Engineering
- CAD/CAM/CIM
- Composite and Smart Materials
- Compressible Flows

- Analog circuits and Digital Circuits
- Antenna and Wave Propagation
- Communication Theory
- Embedded Systems & Microelectronics
- Filters and Data Conversion Circuits
- VLSI Design
- Microwave Theory and Techniques
- Mixed Signal Circuits
- Modulation, Coding and Channel Analysis
- RF and Wireless Circuits
- Sensor Networks
- Signal Processing
- Telecommunications Engineering
- Optical Communications
- Wireless / Mobile Communication
- MEMS and Nano Technology
- Nanomaterial Engineering
- Other topics related to Electronics and Communication Engineering

- Noise and Vibration
- Mechanical Design
- Acoustics and Noise Control
- Advanced and Digital Manufacturing
- Advanced Energy Systems
- Advanced Materials
- Aerodynamics
- Aerospace Engineering
- Applied Mechanics
- Automation, Mechatronics and Robotics
- Automotive Systems
- Ballistics
- Bioengineering and Biomedical Engineering
- Biomechanics
- Composite and Smart Materials
- Compressible Flows
- Computational Mechanics
- Computational Techniques
- Controls
- Design
- Nonlinear Dynamics
- Optical Engineering
- Plasticity Mechanics
- Pollution and Environmental Engineering
- Precision mechanics, mechatronics
- Production Technology
- Quality assurance and environment protection
- Resistance and Propulsion
- Robotics, Automation and Control
- Structural Dynamics

- Fluid Mechanics and Machinery
- Fuels and Combustion
- Heat and Mass Transfer
- High Capacity Heat Rejection Systems
- Industrial and Systems Engineering
- Internal Combustion Engines
- Machinery and Machine Design

- Manufacturing and Production Processes
- Marine System Design
- Material Science and Processing
- Materials for Energy and Environmental Applications
- Mechanical Power Engineering

❖ **Civil Engineering:**

- Innovative housing design and Technologies
- Nano Technology in Civil Engineering
- High Performance Self Compacting Concrete
- Remote Sensing and GIS Applications
- Environmental Impact assessment
- Green Building concept
- Smart Structures and Smart Materials
- Modern Construction Equipments and Practices
- Structural Health monitoring and Control
- Special concrete
- Biomedical waste management

❖ **Information Technology / Software Engineering:**

- Artificial Neural Networks, Fuzzy Systems, and Hybrid Systems
- Computational Intelligence and Evolutionary Computation
- Data Communication, Computer Network and Security & Forensic
- Image Processing
- Pattern Recognition
- Decision Support and Recommender Systems
- Data mining, knowledge Discovery, and Knowledge Management
- Image Processing and Pattern Recognition
- Information Retrieval, Natural Language Processing, and Ontology
- Software Engineering and Software Development
- Web Application and Web Service
- Computer Science and Engineering
- Data Structures and its Applications
- Human Computer Interaction
- Database Management Systems and its Applications
- Real Time Operating Systems and its Applications
- Computer Graphics and Gaming Applications

- Production Technology
- Robotic Automation and Control
- Solid Mechanics
- System Dynamics and Simulation
- Any other topic related to Mechanical Engineering

- Waste water and water Engineering
- New Composite materials and structures
- Material Handling in Construction site
- Quality Management, Control and Assurance
- Earth Quake Design of Structures
- Safety In construction
- Disaster Management and Mitigation
- Ground water Modeling
- Water resources management
- Ground improvement Techniques
- Soil Structure Interaction
- Intelligent transport system
- Any other topic related to Civil Engineering

- Information Technology and Computer Education
- ICT in Teaching and Learning Process
- Impact of ICT on Learning and Achievements
- Specific ICT Tools used in Education
- Building E-Learning Architectures
- ICT in Collaborative Learning
- Developing and Organizational E-Learning Strategy
- Developing, Integrating, and Delivering E-Learning
- ICT in Educational Technology
- E-Learning Evaluation
- E-Learning Tools and Systems
- E-Learning Content Development
- Electronic Publishing Tools for E-Learning
- Engaging Students with the World Digital and Global Discovery Online
- Global Education Systems
- Interactive E-Learning Systems
- Knowledge Management in E-Learning
- Methods and Procedures for the Global Classroom
- Virtual Universities, Classrooms and Laboratories
- Other topics related to ICT and Applications

➤ **ICBAS: International Conference on Basic and Agricultural Sciences**

■ **Basic Science (Mathematics / Statistics)**

- Algebraic Topology
- Advanced Calculus
- Advanced Numerical Methods
- Calculus and Trigonometry
- Complex Analysis
- Computational Fluid Dynamics
- Control Theory
- Differential Topology

- Differential Geometry
- Dynamical Systems, Chaos and Fractals
- Fluid Dynamics and Applications
- Fractional Differential Equations
- Real and Functional Analysis
- Fuzzy Logic
- General Topology
- Genetic Algorithms
- Linear and Modern Algebra
- Linear Programming Models
- Mathematical Modelling
- Markov Chains and Applications
- Non-linear Analysis
- Non-linear Programming Models
- Number Theory
- Numerical Analysis
- Operations Research
- Optimization Techniques
- Ordinary Differential Equations
- Partial Differential Equations
- Probability and Queuing Theory
- Random Processes
- Singular Perturbation Theory
- Stochastic Differential Equations
- Stochastic Modelling
- Univalent Functions
- Bayesian
- Computational Statistics
- Design Experiment
- Econometrics
- Mathematical Statistics
- Multivariate Analysis
- Official Statistics
- Probability
- Regression (including non-parametric)
- Statistics Process Control
- Stochastic
- Time Series and Data Mining
- Biostatistics and Bioinformatics
- Spatial Statistics
- Any other topic related to Mathematical and Statistical Applications

■ Basic Science (Physics & Chemistry) and Agricultural Science

- Bio Physics
- Laser & Optical Fibre in Sensor Applications
- Radars & Lidars Atmospheric Science
- Nano Technology – Material Fabrication & Characterization
- Spectroscopy – Techniques for structural determination of various materials
- Applications of computation as a scientific paradigm
- Organic synthesis
- Green chemistry
- Analytical techniques
- Applied and Industrial chemistry
- Natural product and Herbal medicine
- Environmental Studies
- Medicine, pharmacy and Biotechnologies
- Nano materials and nano composites
- Numerical algorithms
- Rubber, Plastics, Textiles and Leather
- Agricultural and natural biotechnology products
- Agricultural Communications Services
- Agricultural Economics
- Agricultural Education, Communications & Leadership
- Animal Sciences
- Animal-cell biotechnology, including media development
- Applied aspects of cellular physiology, metabolism, and energetics
- Aquacultural Engineering
- Biobased Energy
- Biocatalysis and applied enzymology, including enzyme reactors, protein engineering, and nano biotechnology
- Biochemistry and Molecular Biology
- Bioenvironmental engineering
- Biofuels, including biomass and renewable resource engineering
- Biomass and Bio-energy
- Biomaterials, including delivery systems and materials for tissue engineering
- Biomolecular engg. & pharmaceutical engg.
- Bioprocess engineering, including kinetics and modeling of biological systems, transport phenomena in bioreactors, bioreactor design, monitoring, and control
- Bioproduction and bioproduct engineering
- Biosensors and Instrumentation
- Biosystems and Agricultural Engineering
- Biosystems and Engineering
- Biotechnology and Bioengineering
- Biotechnology applications in medicine & health

- Bio Thermodynamics
- Cell Culture Technology
- Computational and systems biology, including bioinformatics and genomic/proteomic studies
- Ecological and environmental engineering
- Energy in Agriculture
- Engineering of biomolecular and cellular devices
- Entomology and Plant Pathology
- Environmental biotechnology, including biofilms, algal systems, and bioremediation
- Environmental Sciences
- Enzyme systems and their applications, including enzyme reactors, purification, and applied aspects of protein engineering
- Equipment Engineering for Plants
- Farm Buildings, Equipment, Structures and Environment
- Food and Agricultural Biosecurity
- Food and Agricultural Products
- Food and Nutritional Sciences
- Food and process engineering
- Food Engineering
- Fundamental and applied aspects of food biotechnology
- Horticulture and Landscape Architecture
- Human and Environmental Sciences
- Land and Water Engineering & Management
- Management, Ergonomics and Systems Engineering
- Metabolic and cellular engineering
- Nano-biotechnology
- Nanotechnologies Applied to Biosystems Engineering and the Environment
- Natural Resource Ecology & Management
- Plant and Soil Sciences
- Postharvest Technology and Process Engineering
- Spectroscopic and other analytical techniques for biotechnological applications
- Synthetic biology and cellular design
- Tissue engineering, stem-cell bioengineering, regenerative medicine, gene therapy and delivery systems
- Veterinary Health Sciences
- Any other topic related to Physics, Chemistry and Agricultural Science

➤ *ICMES: International Conference on Management, Education and Social Sciences*

■ Areas of Interest under Management

- Intellectual Property
- Brands and Branding
- Finance, Economics and Hedge Funds
- Insurance and Takaful
- Managing Risk, Corporate Social Responsibility
- Accounting, Banking Control & Supervision
- Internet Banking and Emerging Markets
- E-Commerce and Entrepreneurship
- Sustainable Development
- Technology Transfer and Management
- Supply Chain Management
- Networking and Outsourcing
- Marketing and Market entry
- Human Capital, Creativity & Innovation
- Disaster Management
- Venture Capital and Private Equity
- Leadership, Total quality control in Business
- Hospitality Management
- New Product Development
- Corporate Valuation and IPOs
- Environmental Protection & Public Policy
- Any other topic related to Management

■ Areas of Interest under Education

- Current issues in Science Education
- Science teaching based on Local Wisdom
- ICT in Teaching and Learning Process
- Impact of ICT tools used in Education
- Building E-Learning Architectures
- ICT in Collaborative Learning
- Developing and Organizational E-Learning Strategy
- Developing, Integrating, and Delivering E-Learning
- ICT in Educational Technology
- E-Learning Evaluation
- E-Learning Tools and Systems
- E-Learning Content Development
- Electronic Publishing Tools for E-Learning
- Engaging Students with the World Digital and Global Discovery Online

- Global Education System
- Interactive E-Learning Systems
- Knowledge Management in E-Learning
- Methods and Procedures for the Global Classroom
- Virtual Universities, Classrooms and Laboratories
- Other areas on Education

■ Areas of Interest under Social Sciences

- SMEs and Gender issues in the region
- Agricultural Productivity and Agricultural & Rural Sustainability
- ICT in Social Sciences and Education
- Environment of Sustainable Human and Social Development
- Environmental Studies
- Urban Heat Island issues
- Climate Change and the Future
- Ethnic / International Studies
- Food Security, Quality and Sovereignty
- Human & Social Rights
- Sustainable Management of Water and Air Resources
- Heritage Management
- Women in Traditional Society
- Any other topic related to Management and Social Sciences

■ Important Dates : Early Round Final Round

Paper Submission Deadline for Review	: 30 th Sep' 2021	10 th Nov' 2021
Decision Notification	: 30 th Oct' 2021	30 th Nov' 2021
Early Bird Registration	: 30 th Nov' 2021	10 th Dec' 2021
Late Registration	: 20 th Dec' 2021	20 th Dec' 2021
Conference Dates	: 6 – 8, Jan' 2022	

■ Conference Format

The conference has two types of presentations: Invited Keynote Speakers and Regular Oral Presentations. The proceedings of the conference will be published and distributed in English through Electronic format (CD format).

■ Paper Submission

Papers must be written in English for IAMDC – Jan' 2022 and should describe original work in detail. Each regular paper, according to instruction, must be accompanied by an abstract summarising the contribution it makes to the field. Maximum paper length for regular paper is 6 pages of A4. Each paper will be reviewed by at least three reviewers. Submission of a paper constitutes a commitment that, if accepted, at least one author must attend and participate in the conference. Electronic submission in camera-ready format and copyright document are required. For more information:

<http://www.wairco.org/Philippines/PaperSubmission.html>

The manuscript can be submitted through: philippinesjan2022@wairco.org

■ Registration

The IAMDC – Jan' 2022 has two rounds for submission of papers. Under each round there are two deadlines for paying the registration fee: Early bird registration and Late Registration.

It is mandatory that at least one author of an accepted paper must register in order to appear the accepted paper in the Journal Proceedings and be included in the Technical Program. If an author has got more than one accepted paper, each paper has to be registered separately. Each paper is restricted to 6 pages. Extra fee will be charged for each page. Also not that, those who want to have a print media (hard copy) of the Journal Proceedings, they have to pay extra fee along with the registration fee. For more info:

<http://www.wairco.org/Philippines/Registration.html>

■ Conference Location

The IAMDC – Jan' 2022 will be held on 6 – 8, Jan' 2022 at “Bay View Park Hotel Manila”, 1118 Roxas Blvd, Ermita, Manila, Metro Manila, Philippines. For more info: <http://www.wairco.org/Philippines/Venue.html>

■ Committee

The IAMDC – Jan' 2022 constitutes the following members as Committee:

[Dr. Ernest Johnson, University of Regina, Canada](#)

[Dr. Rhoderick D Malangsa, CEBU University, Philippines](#)

[Dr. Seow Ta Wee, UTHM, Malaysia](#)

[Prof. Paul Petlu, St. Paul's Schools, Tirupati, India](#)

For more info: <http://www.wairco.org/Philippines/Committee.html>

■ Contact Information

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