

**School of Sciences,
Woxsen University Organizes
International Conference on Emerging
Horizons in Mathematics & Computation.
(MatCom-2026)**



Dates: 16-19th June 2026

Mode: Online

Conference Themes

We invite submissions of original research papers, case studies, and review articles from researchers, academicians, and industry professionals in the following broad areas of interest, but not limited to

- Optimization Theory and Green Algorithms
- Advanced Differential Equations and Material Modeling
- Stochastic Processes in Nanoscale Systems
- Mathematical Modeling in Industrial Processes and Engineering
- Statistical Methods for Drug Discovery and Clinical Trials
- Mathematical Models for Renewable Energy Systems
- Partial Differential Equations for Pollution Dispersion and Control
- Statistical Pattern Recognition and Forensic Data Analysis
- Mathematical Optimization for Supply Chain and Food Systems
- Machine Learning Theory and Algorithmic Innovation
- Network Theory and IoT Data Structures
- Statistical Learning and High-Dimensional Data Analysis
- Big Data Analytics and Computational Statistics
- Numerical Methods for Molecular Dynamics and Biological Systems
- Stochastic Optimization and Process Control
- Mathematical Frameworks for Interdisciplinary Modeling

About Conference

Woxsen University's School of Sciences, Department of Mathematics, is proud to announce its 2nd International Conference, MatCom-2026. This prestigious event will bring together global experts from academia and industry to discuss groundbreaking advancements in mathematical modeling, computational mathematics, applied mathematics, artificial intelligence, statistical learning, and data science applications in optimization and prediction, among other frontier areas.

The conference will serve as a dynamic platform for mathematicians, statisticians, computational scientists, industry leaders, and policymakers to present their work, exchange ideas, explore collaborations, and engage with transformative innovations.

Participants will gain valuable insights into cutting-edge strategies for mathematical optimization, the application of AI and data science in developing predictive models and decision-making algorithms, and quantitative approaches to addressing complex real-world challenges.

Salient Features

Participants

- Researchers and students of Mathematics, Statistics, and Computation
- Computational, AI and DATA experts
- Industry experts
- Academicians

Opportunities

- **Networking: Engage with global experts and peers.**
- **Presentations: Share research findings and innovations.**
- **Collaborations: Explore potential partnerships for future research and development.**

Objectives

- Gain insights into cutting-edge innovations.
- Develop new methodologies and strategies for solving complex real-world problems by enhancing the use of computational and AI tools.
- Address global sustainable challenges providing solutions

Focus Areas

- Pure and Applied Mathematics
- Computational Mathematics and Numerical Methods
- Statistics and Data Science
- Mathematical Modelling and Simulation
- AI, Machine Learning and Optimization
- Graph Theory and Discrete Mathematics
- Operations Research and Stochastic Processes
- Mathematical Biology and Interdisciplinary Applications
- Big Data Analytics and Computational Statistics

Awards

- Best presentation award
- Best innovation award
- Extraordinary contribution in conference

Keynote Speeches

Delivered by renowned experts in mathematics, statistics, computational sciences, operations research, AI and machine learning, data science, and related interdisciplinary fields

Oral Presentations

- Sessions where researchers present their latest findings and advancements.
- Topics will cover a broad range of themes mentioned above.

This structure fosters an environment of learning, collaboration, and innovation across mathematics, statistics, and computational sciences.

Overview of the Woxsen University

Woxsen was founded in 2014 as a School of Business with a residential campus spanning 200 acres in Hyderabad, Telangana. Woxsen's MBA program, EFMD Global accredited and listed in the QS Business Masters' World Rankings 2025, putting the university in the top 1% of B-Schools worldwide, alongside 5th rank in India and 30th rank in Asia. It also includes the School of Architecture and Planning, the School of Technology (Engineering), the School of Law, the School of Liberal Arts and Humanities, and the School of Sciences. Woxsen gained university status in May 2020 and is one of Telangana's first private universities. The university offers on-campus resources such as the Robotics & AI Lab, Bloomberg Lab, and Behavioral Analytics Lab, among others, which enable students to become highly skilled professionals across disciplines. The institution is putting special focus on five core pillars: Internationalization, Research, Corporate Alignment, Ethics, Responsibility, and Sustainability (ERS), and Entrepreneurship.

Website: <https://woxsen.edu.in/>



Internationalization: With 83 international partners spread across 36+ countries and all continents. collaborating through the exchange programs, faculty exchange, consulting projects, joint research, MDPs, Dual degree, among others.

Research: With 83 international partners spread across 36+ countries and all continents. collaborating through the exchange programs, faculty exchange, consulting projects, joint research, MDPs, Dual degree, among others.

Corporate Alignment: The university has undertaken consulting projects worth INR 20,50,000/- in the past six months. Additionally, it has 5 Chair Professors in Marketing, Financial Services, Analytics, AI, and Robotics.

CSR(Corporate Social Responsibility): Engaged in regular activities with the local villages surrounding the campus and one international project with Monmouth University, USA.

Entrepreneurship: Home to an incubation center led by the Centre of Excellence in partnership with HHL, Leipzig, Germany.

Website: <https://woxsen.edu.in/>

Overview of the School of Sciences

School of Sciences at Woxsen University has been established with the aim of giving the next generation of scientists/inventors/innovators a strong foundation to build their innovations. In addition to assisting students in acquiring theoretical knowledge, academia will also offer guidance through unique pedagogy to help students develop the necessary knowledge, skills, and abilities (KSA) and show that they have the capacity to develop novel solutions to challenging issues.

Since the inception as a separate school as School of Sciences (SoS) under Woxsen University in 2022, is growing continuously in the quality of education and the expanse of research every year. The school of sciences consists of Physics, Chemistry, Mathematics, Biotechnology, Computer Science and DS & AI Departments. The school offers B.Sc. (Hons.) and Ph.D. programmes in all these disciplines.

Website: <https://woxsen.edu.in/schools/sciences/>

Registration fees

	Designation	Early Bird	Late
Indian	UG/PG	₹ 1,000	₹ 1,500
	PhD/JRF/SRF	₹ 1,500	₹ 2,000
	RA/Postdoc	₹ 2,000	₹ 2,500
	Faculty	₹ 2,500	₹ 3,000
	Industry	₹ 3,000	₹ 3,500
Foreign	UG/PG	\$18	\$25
	PhD/JRF/SRF	\$22	\$29
	RA/Postdoc	\$25	\$32
	Faculty	\$30	\$37
	Industry	\$35	\$42

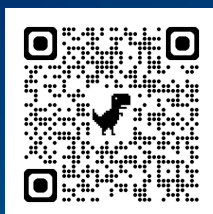
*Registration is mandatory for all the participants and fee is non-refundable

*The registration fee + GST applicable

Important Dates

Last date for abstract submission	15.05.2026
Last date for Registration	12.06.2026

Abstract submission QR



Registration QR



The Abstracts can also be sent to the email: maths.sos@woxsen.edu.in

Publication Opportunities

Participants will have the opportunity to submit their research manuscripts for publication in reputed journals associated with the conference. All submissions will undergo a standard peer-review process conducted by experts in the respective fields, and selected manuscripts will be published in the following journals.

- Proceedings of the Jangjeon Mathematical Society (<https://jangjeonopen.or.kr/index.php>).

Updates for the remaining journals will be posted shortly.

Further publication details and guidelines will be provided separately.
#Article Processing Charges (APC) will apply.



Keynote Address



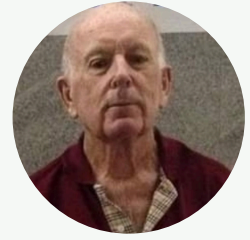
Prof. Bobby Antony
Indian institute of
technology, Dhanbad



Prof. Rajeswari Seshadri,
Pondicherry University



Prof. S. Lakshmiarahan
University of Oklahoma
Norman



Prof. PGL Leach,
University of KwaZulu-
Natal, Durban, South
Africa.

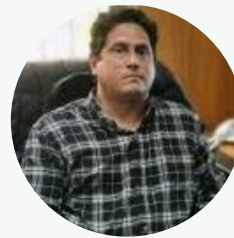
Plenary Speakers



Dr. Bharti Goyal Maan
VP & India Client Leader,
Capgemini



Dr. Andronikos
Paliathanasis, Centre for
Space Research, North-
West University, South
Africa



Dr. Genly Leon Torres,
Universidad Católica del
Norte, Chile



Prof. Sergey Meleshko, Suranaree
University of Technology, Thailand.



Prof. Thama Duba
University of the
Witwatersrand



Dr. Manoj Kumar Patel
National Institute of
Technology Nagaland
India



Prof. Sergey Meleshko
Dr. Sc Suranaree
University of Technology



Prof. Om Prakash
Indian Institute of
Technology Patna

The remaining speakers list will be updated soon.

Organizing Committee



Chief Patron
Dr. Raul V. Rodriguez
Vice-President,
Woxsen University



Conference Director
Dr. Daya Shankar
Dean, SOS,
Woxsen University



Conference Moderator
Dr. Beauty Pandey
Associate Dean, SOS,
Woxsen University

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SOS, Woxsen
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Dr. Udaya Bhaskar P
Assistant Professor,
SOS, Woxsen
University



Co-convener
Dr. N. Soujanya
Assistant Professor,
SOS, Woxsen
University

Organizing Secretary

1. **Dr. Ramakrishna Madaka, Assistant Professor, SoS, Woxsen University.**
2. **Dr. Rajender Boddula, Associate Professor, SoS, Woxsen University**
3. **Dr. Pallavi Saxena, Assistant Professor, SoS, Woxsen University.**
4. **Dr. Priyatosh Ranjan, Assistant Professor, SoS, Woxsen University.**
5. **Dr. Nilesh Dinkar Gawande, Assistant Professor, SoS, Woxsen University.**

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3. **Dr. Sudarshana Santhosh Kumar Kothapalli, Assistant Professor, SoS, Woxsen University.**
4. **Dr. Amit Kumar Singh, Assistant Professor, SoS, Woxsen University.**
5. **Dr. M. Venkateswara Rao, Assistant Professor, SoS, Woxsen University.**
6. **Dr. Harshavardhan Reddy Kalluru, Assistant Professor, SoS, Woxsen University.**
7. **Dr. Rajkumar Reddy Rajula, Assistant Professor, SoS, Woxsen University.**
8. **Dr. Anupam Singha Roy Assistant Professor, School of Sciences, Woxsen University**
9. **Dr. Srikar Thota, Assistant Professor, SoS, Woxsen University.**
10. **Dr. Shaik Parvinnisa, Assistant Professor, SoS, Woxsen University.**
11. **Dr. Somorita Baishya, Assistant Professor, SoS, Woxsen University.**

Supporting Committee

1. **Mr. Aniket Gorakh Jagtap, Lab Instructor**
2. **Mr. Sagar Subhash Babar, Lab Instructor**
3. **Mr. Desina Mohan Durga Praveen, Lab Instructor**
4. **Mr. Sandeep K, Lab Instructor**
5. **Ms. Vijaya Nirmala, Lab Instructor**
6. **Ms. Sathwika Somireddy, Lab Instructor**
7. **Mr. Gowrishankar Rao Siddhanati, Lab Instructor**
8. **Ms. Kona Maha Devi Durga Pravalli, Lab Instructor**
9. **Ms. Urmila Preeti, Lab Instructor**
10. **Mr. Chaitanya, Lab Instructor**
11. **Ms. Ruchita Dogga, Lab Instructor**
12. **Ms. Sneha D, Lab Instructor**
13. **Ms. Navya Ch, Lab Instructor**
14. **Mr. Avinash Nelapati, Ph.D. Student**
15. **Ms. Sreejita Chowdary, Ph.D. Student**
16. **Mr. Arbaz Chaudhary, Ph.D. Student**
17. **Mr. Debkumar Bhattacharya, Ph.D. Student**
18. **Mr. Kazim Aksari, Ph.D. Student**
17. **Mr. Sujitha Vadlamudi, Ph.D. Student**