

2nd Online International Conference

On

**Advances in Physical, Mathematical
and Computational Sciences**

23rd-24th July, 2021

Organized by

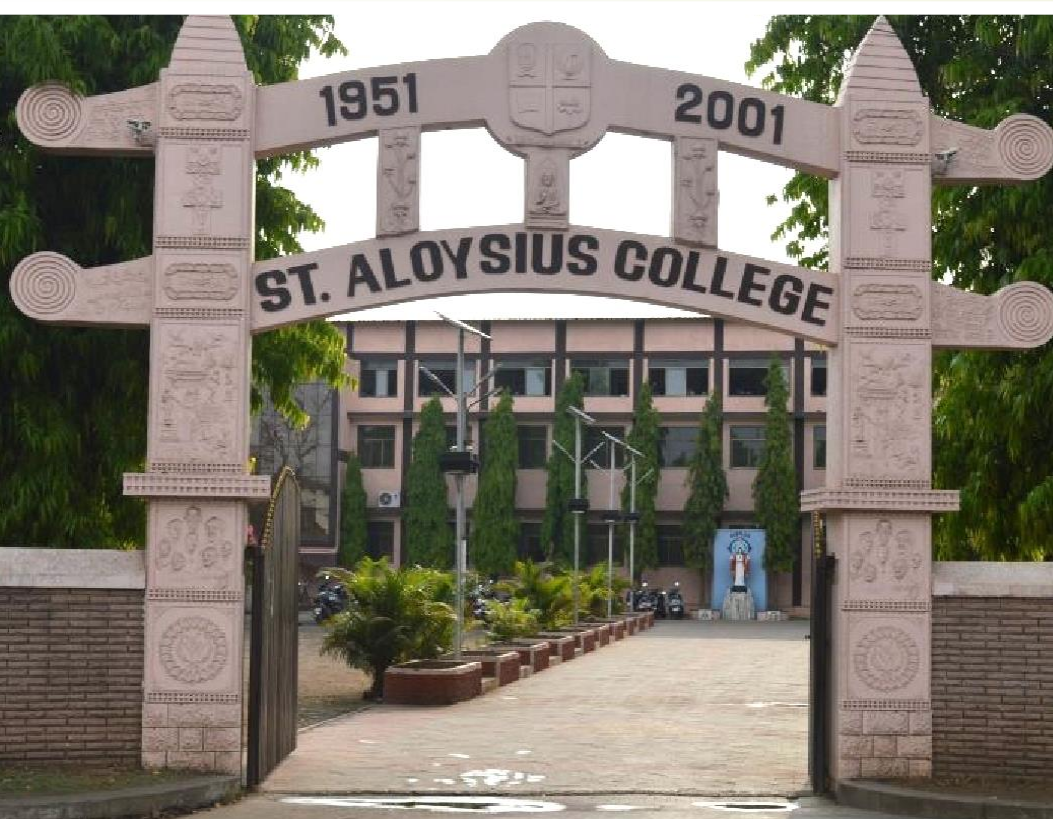


**Faculty of Physical Sciences
St. Aloysius College
(Autonomous)**

Reaccredited 'A+' by NAAC (CGPA 3.68/4.00)
College with Potential for Excellence by UGC
DST-FIST Supported & Star College Scheme by DBT
Jabalpur, Madhya Pradesh, India
Email : pmcs.sac@gmail.com
Website : staloysiuscollege.ac.in

Registration opens till 17th July 2021 @12:00 midnight:

Registration Link: <https://rb.gy/wc4od7>



Invitation

The Aloysian Fraternity cordially invites and welcomes you to the two days 2nd Online International Conference on “Advances in Physical, Mathematical and Computational Sciences” on 23rd - 24th July, 2021.

About the College

St. Aloysius' College is a premier autonomous educational Institute in Madhya Pradesh. The college has been Re- accredited 'A+' by NAAC, Bangalore. It has carved a niche for itself by being the only college in the state, to have been awarded the highest CGPA (3.68/4.00) in all three cycles of NAAC accreditation. Situated in sylvan surroundings, the college has a green and clean campus and a climate conducive for rigorous training and learning. The college focuses on moulding its students towards leadership and creative and innovative thinking so that they can progress and face the challenges and competition that lie ahead in the global market.

Objectives of the Conference

- To provide a platform to bring together prominent scientists, mathematicians, researchers and students.
- To enrich the status of Physical, Mathematical and Computational Sciences
- To get acquainted with current research and innovations - happening around the globe - in Physics, Mathematics and Computer Science
- To expedite prospects for networking, alliance and interchange of ideas with internationally distinguished experts in Physical, Mathematical and Computational Sciences.

Call for Papers and Proposed Themes:

Original papers on the following suggested topics, but not restricted to, are invited-

Physics

Nanotechnology, Nano electronics and Nano photonics

Sensors, Modeling and Simulation

Lasers and Holography

Ceramics, Biophysics, Cosmology

Environment and green materials

Batteries and solid electrolyte.

Magnetism and multiferroism

Energy harvesting

Astronomy and Astrophysics

Spectroscopy

Biocompatibility and Cytotoxicity screens of Biomaterials

Luminescence and quantum communication

Optoelectronic Materials

Current trends in Physics

Computer Science

Data Science and Machine Learning

Cloud Computing

Big Data Analytics

Artificial Intelligence and Expert system

Cryptography

Computer Networks

Robotics

Data Mining

Operating System

Software Engineering

Computer Architecture

Mathematics

Functional Analysis Fixed Point

Theory

Topology

Operation Research

Mathematical Modeling

Numerical Analysis

Number Theory

Vedic Mathematics

Note: Researchers from engineering background can also participate

Instructions for the participants

- 1 Full length paper with abstract of 250 words should carry the title of the paper and affiliated address.
- 2 Paper should be in MS-Word with font size 12 and single spacing.
3. Each participant will get 5 to 6 minutes to present his/her paper. All papers will be published in a book bearing the ISBN no.
5. E-Certificates will be issued to both the paper presenters and the participants.
6. Attendance is compulsory on both the days. All correspondence should be sent to pmcs.sac@gmail.com

Important Dates

Registration: Till 17th July, 2021 @ 12 midnight . Submission of full length paper 7th July, 2021.

RESOURCE PERSONS

Prof. Gautam Das Gupta, USA
(Professor, Columbia University, New York)

Dr. Kallol Mukerjee, India
(Scientific Officer-G, TIFR, Mumbai)

Prof. David Levin, Israel
(Retired Professor, Tel-Aviv University)

Mr. Bhupendra Sonawane, India
(Scientist-B, DRDO, Mumbai)

Mr. Dharendra Tiwari
(Technical Officer-A, DRDO, Mumbai)

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Rani Durgavati
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Jabalpur (M.P.)

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Conference Chair

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Science, Rani Durgavati University,
Jabalpur
- **Prof. Anil Kumar Dalela, Professor and**
Head, Department of Mathematics and
Computer Science, Govt. Science College,
Jabalpur
- **Dr. Kallol Das, Vice-Principal, St. Aloysius**
College, Jabalpur

Day 1: 23rd July, 2021

10.00 am- 10.30 am
10.35 am - 11.35 am
11:40am - 12:40pm
12.45pm - 01:30 pm

Day 2: 24th July, 2021

09.30am - 10.00 am
10.05 am - 10.35 am
10:40 am - 11:20 am
11:25 pm - 12:25 pm
12:30 pm - 1:00pm

Programme Schedule

Inaugural Session

Keynote Address-Prof. Gautam DasGupta, USA
Plenary Session I-Dr. Kallol Mukerjee, India
Technical Session I (Paper Presentation)

Plenary Session II-Mr. Dharendra Tiwari, India
Plenary Session II-Mr. Bhupendra Sonawane, India
Technical Session II (Paper Presentation)
Plenary Session III- Prof. David Levin, Israel
Valedictory

For further details contact

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