



# 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

Website : [staloyuscollege.ac.in](http://staloyuscollege.ac.in)



## FACULTY OF LIFE SCIENCES

**TWO-DAY ONLINE NATIONAL CONFERENCE  
ON**

**“LIFE SCIENCES CHALLENGES AND  
OPPORTUNITIES: COVID-19 PANDEMIC”**

**1<sup>ST</sup> -2<sup>ND</sup> JUNE 2020**

**FOR REGISTRATION [CLICK HERE](#)**

**Limited Domain**

## INVITATION

The Aloysian Fraternity cordially invites and welcomes you to the two days Online National Conference on "Life Sciences Challenges and Opportunities: COVID-19 Pandemic "on 1<sup>st</sup> & 2<sup>nd</sup> June, 2020.

## ABOUT THE COLLEGE

St. Aloysius' College is a premier autonomous educational Institute in Madhya Pradesh. The college has been Reaccredited '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 globally.

## OBJECTIVES

The online national conference proposes to present a new dimension of ideological fusion of concepts in all disciplines of life sciences. It will provide a platform for the scientific community to exhibit their findings and research outcomes to a larger group of young and budding researchers, to ignite new ideas and develop a niche for the future of Science and Technology during the COVID-19 pandemic but also to bring the Global Scientific Icons under one roof to share, exchange and experience the developments post-pandemic. Enhancement of learning experience from proficient speakers and self-adaption during this emergency. The proposed online national conference focuses on -

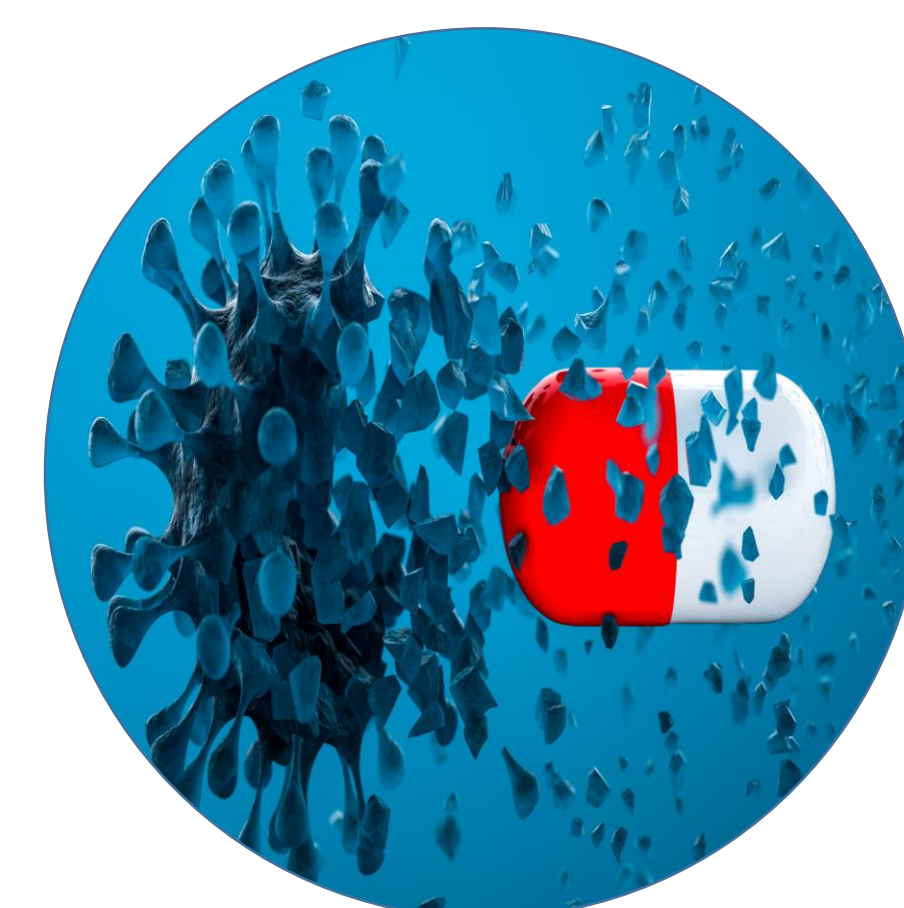
- 1) Sharing the knowledge of persisting COVID-19 problem in the country and to Discuss the challenges faced by the people during this difficult times.
- 2) Implementation of health facilities, researches and information management systems in view of a better future after COVID-19
- 3) Use of international health statistics/information management standards for efficient society care.
- 5) Promote the practice of technology for prevention of infections and improving the quality of health care during pandemic.
- 6) Elevate the Professional standards of working force to meet the needs of India in today's scenario.



## Participants are invited to present papers on the following sub-themes



- Understanding the epidemiology of COVID-19 in India
- Strategies to control COVID-19 in India.
- COVID-19 Pandemic: Impact on Biodiversity
- Research Trends in Animal Sciences in the Present Scenario
- Alternative methods of treatment of Coronavirus'
- Modern chemical approach during the COVID-19 pandemic
- Phytonutrients as immunomodulators
- Advances in microbial world to address the prevailing Pandemic



# EMINENT SPEAKERS



**Dr. B. S. Mathapati**

Scientist "C"  
National Institute of Virology  
Pune



**Dr. Sameer Srivastava**

Assistant Professor, Dept. of Biotechnology  
Motilal Nehru National Institute of Technology  
Allahabad



**Prof. Amar Prakash Garg**

Vice Chancellor  
Shobhit University  
Meerut



**Dr. J. Daniel Chellappa**

Senior Scientist  
Department of Atomic Energy (India) &  
Indira Gandhi Centre for Atomic Research, Chennai.



## IMPORTANT DATES

<b>DATES OF REGISTRATION</b>	<b>@25<sup>TH</sup> MAY, 2020</b>
<b>ABSTRACT SUBMISSION DEADLINE</b>	<b>@28<sup>TH</sup> MAY, 2020</b>
<b>CONFIRMATION OF ACCEPTANCE OF PAPER</b>	<b>@30<sup>TH</sup> MAY, 2020</b>
<b>EMAIL ID FOR SUBMISSION OF ABSTRACT</b>	<b>bioscience2020.sac@gmail.com</b>

## INSTRUCTIONS FOR THE PARTICIPANTS

1. Abstracts should be within 250 words and should carry the title of the paper and affiliation address.
2. Only selected participants will be allowed to present their papers.
3. Owing to time restrictions, a participant will get 5 to 6 minutes for presentation. Hence, you are requested to prepare a short presentation.
4. E-certificates will be issued to both the paper presenters and the participants.

# Schedule

## DAY 1, 1<sup>ST</sup> JUNE, 2020

Inaugural Session 02:00 PM- 02: 30 PM	Technical Session# 1 02:30 PM-03:30 PM	Technical Session# 2 03: 45 PM – 04: 45 PM
<p>Session In charge: Dr. Daya Shankar Gautam</p> <p>Welcome Note</p> <p>Objectives of the conference by Dr. Shikha Bansal</p> <p>Address by Principal</p> <p>Address by Chief Guest</p> <p>Vote of thanks by Dr. Smarika Lawrence</p>	<p>Session In charge: Dr. Priyanka Sinha</p> <p>Speaker: Dr. Sameer Srivastava</p> <p>Topic: Molecular insights of Corona Virus</p> <p>Question and Answer Session</p> <p>Vote of thanks</p>	<p>Session In charge: Dr. L. K. Pandey</p> <p>Speaker: Dr. Basavaraj S. Mathapati</p> <p>Topic: Strategies for diagnosis and treatment of COVID- 19</p> <p>Question and Answer Session</p> <p>Vote of thanks</p>

## DAY 2, 2<sup>ND</sup> JUNE, 2020

Technical Session# 3 10:15 AM-11:15 AM	Technical Session# 4 11:15 AM-12:15 PM	Technical Session # 5 12:30 PM– 01:30 PM
<p>Session In charge: Dr. Shikha Bansal</p> <p>Speaker: Prof. Amar Prakash Garg (VC)</p> <p>Topic: COVID-19: Outbreak and Management</p> <p>Question and Answer Session</p> <p>Vote of thanks</p>	<p>Session In charge: Dr. Smarika Lawrence</p> <p>Speaker: Dr. J . Daniel Chellapa</p> <p>Topic: Safe sanitization and hygiene</p> <p>Key to prevent pandemic.</p> <p>Question and Answer Session</p> <p>Vote of thanks</p>	<p>Paper presentation</p> <p>Session In charge: Dr. Sonali Nigam</p> <p>Chairperson: Dr. Anjali D'Souza</p> <p>Question and Answer Session</p> <p>Vote of thanks</p>
<p><b>Valedictory Session</b> 01:30 - 01:50 PM</p>	<ul style="list-style-type: none"> <li>• Session In charge: Mr. Enosh Phillips</li> <li>• Welcome note</li> <li>• Report of the conference by Dr. Anjali D'Souza</li> <li>• Feedback of the participants (any two)</li> </ul>	

## ORGANIZING COMMITTEE

### CHIEF PATRON

**PROF. KAPIL DEO MISHRA**  
VICE CHANCELLOR  
RANI DURGAVATI  
VISHWAVIDHALAYA  
JABALPUR (M.P.)

### CONVENER

**DR. ANJALI D'SOUZA**  
DEAN  
FACULTY OF LIFE SCIENCES

### PATRON

**MOST REV. GERALD ALMEIDA**

### CHAIRMAN

### ORGANIZING SECRETARIES

**DR. SHIKHA BANSAL**  
**DR. SMARIKA LAWRENCE**  
**DR. LAXMIKANT PANDEY**  
**DR. PRIYANKA SINHA**

### CONFERENCE CHAIR

**REV. DR. G. VAZHAN ARASU**

### PRINCIPAL