



# Dwaraka Doss Goverdhan Doss Vaishnav College

(AUTONOMOUS)

College with potential for excellence (Linguistic Minority Institution)

Arumbakkam, Chennai-106, Tamil Nadu, India

## TWO DAY INTERNATIONAL CONFERENCE ON INFECTIOUS DISEASES IN AN ERA OF VACCINES

Date: 18 & 19 October 2021 - Time: 9.30 am-5.00 pm

### COMMITTEE



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Asst. Professor

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Dr. D. S. Pushparani

Asst. Professor

### ABOUT THE COLLEGE

Dwaraka Doss Goverdhan Doss Vaishnav College, a linguistic minority Institution was established in the year 1964 with the sole purpose of imparting knowledge and value based education. The college has been a haven for generations of enthusiastic learners for over five decades. The curriculum is reviewed and redesigned periodically to cater to the special needs of the student community in tune with the changing trends in diverse disciplines of arts, commerce, science, technology and management studies.

### ABOUT THE DEPARTMENT

The Undergraduate program in Biochemistry was started in the year 1995. The department was upgraded to a postgraduate department in 1998 and as Research department in 2015 with state of art facilities. The primary focus of the department is on bridging the gap between academics and industry by integrating teaching, research and service. The department also facilitates interactions with eminent experts from industries and hospitals.

In continuation of our efforts, the department is organizing an **International Conference** as part of the **Silver Jubilee Celebrations** of the department, under the auspices of the **"Neuberg Crew"** the departmental club.

The theme for the webinar is

### "INFECTIOUS DISEASES IN AN ERA OF VACCINES"

Global health security is the need of the hour. Protecting people from the health and economic consequences of epidemic and pandemic threats is the challenge of every government.

The COVID-19 pandemic has revealed serious gaps and weaknesses in global and national preparedness and response. It has highlighted the need for a dramatically different approach to detect and manage outbreaks; and has brought our interdependencies to the fore, underlining that strengthened national health security requires international coordination.

The risk of pandemics is increasing, with more than five new infectious diseases emerging in humans each year. With global travel rapidly growing, any of these diseases harbours epidemic or pandemic potential. Exiting the "Pandemic era" requires a decisive shift towards prevention.

Extensive use and misuse of antibiotics means that their effectiveness has waned. This is fast becoming a major public health crisis. The permanent threat of emerging pathogens calls for vigilance, surveillance and preparedness for vaccine development and deployment. Vaccines are the cornerstone of the management of infectious disease outbreaks and are the surest means to defuse pandemic and epidemic risk. The faster a vaccine is deployed, the faster an outbreak can be controlled.



## ADVISORY COMMITTEE

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M.Sc.,PhD, PG Diploma in Management Studies,  
Associate Professor Jain University, Karnataka, India.

#### Dr. NITU NIGAM

Assistant Professor, Cytogenetics Unit,  
Centre for Advance Research,  
King George's Medical University, Lucknow, UP.

#### Dr. K. ARUL SELVAN

Assistant Professor & Head, Dept. of Microbiology,  
Krishnadevaraya College of Dental Sciences,  
Bangalore.

## PROGRAM

### DAY 1 INAUGURATION



#### Dr. MANICKAM RAVICHANDRAN

Dean of Faculty of Applied Sciences,  
Former Vice Chancellor,  
AIMST University,  
Malaysia

#### Topic :

Cold chain free live oral cholera vaccine development  
A Scientific Journey.



#### Dr. VASAN SAMBANDAMURTHY

Chief Executive Officer,  
India Alliance,  
Hyderabad.

#### Topic :

Power of Industry-Academia collaboration-Discovery and  
development of a novel antimalarial molecule.



#### Pro. SELVARAJ SIVASUBRAMANIAM

Head, Statistical analysis and data  
management solutions department,  
Stat Home Research Consultancy,  
U.K.

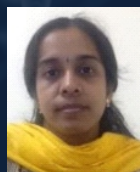
#### Topic :

Biostatistical aspects of COVID 19 pandemic.

### Paper Presentation

Only selected papers will be allowed for presentation

### DAY 2



#### Dr. KAVITHA RAJSEKAR

Scientist E, Indian Council of Medical Research,  
Department of Health Research,  
Ministry of Health & Family Welfare,  
Govt. of India

#### Topic :

Health Technology Assessment- the need of the hour to  
provide affordable Healthcare System to the country.



#### Mr. ALON NUDELMAN

Department of Biological Regulation,  
Weizmann Institute of Science,  
Rehovot, Israel.

#### Topic :

The role of MT1-MMP in infectious diseases



#### Dr. ANUJA MATHEW

Associate Professor of Research,  
Department of Cell and Molecular Biology,  
University of Rhode Island, U.S.

#### Topic :

Immunity to COVID Vaccines

### Poster Presentation

Only selected posters will be allowed for presentation

## VALEDICTORY CEREMONY

## REGISTRATION DETAILS

Original Research papers under the following topics are invited for publication.

1. **Antibiotic resistance microbes.**
2. **Omics in infectious diseases.**
3. **Nanotechnology in infectious diseases.**
4. **Artificial Intelligence in Health.**
5. **Phytotherapy.**
6. **Role of Bioinformatics in target identification.**
7. **Cell signalling pathways in ameliorating diseases.**
8. **Secondary metabolites as drugs.**

All abstracts will be published in conference proceedings with ISBN Number and selected research papers will be published in UGC recognized / UGC care journals.

Article processing charges should be paid directly by the authors to the journal.

More details will be shared to the registered mail id.

❖ The above topics can be used for poster and paper presentation

❖ **ePoster Presentation :**

Content has to be presented in one slide  
Time allotted : 3 +1 mins

❖ **Paper Presentation :**

No. of Slides : 15  
Time allotted : 3 +2 mins

### IMPORTANT DATES: -

Submission of abstract	: 10th September 2021
Submission of full-length paper	: 20th September 2021
Acceptance notification	: 30th September 2021
Conference date	: 18th & 19th October 2021

### GUIDELINES FOR ABSTRACT SUBMISSION :

Title	(Times new roman, 12 font size)
Author's name and affiliation	(Time new roman, 10 font size)
Abstract	(Time new roman, 10 font size)
Keywords	(not exceeding 4-5 words)
Spacing	(Line spacing 1.5)
Words limit	(250 words)

email :

**iciddev2021@gmail.com**

### Prerequisites for e-Certificate :

1. Registration compulsory.
2. Participation in live online session mandatory.
3. Filling up of feedback form.
4. It is the responsibility of participants to write their name and designation correctly.

Once the information is filled any further corrections will not be entertained.

Fulfilling the stated conditions e-Certificates will be sent through email within 10 days of the completion of the event.

Registration Link

**<https://forms.gle/LBJtX6aL2VsYCsbLA>**

For queries and clarifications contact  
Student coordinators

Duke **7418428777**

Lakshmi **6385555878**

Registration Fee ₹ 100  
for Participation



Registration Fee ₹ 300  
for Poster & Paper Presentation

