



# MARUDHAR KESARI JAIN COLLEGE FOR WOMEN (Autonomous), VANIYAMBADI

(A Project of Sri Marudhar Kesari Jain Trust)

Recognised u/s 2(f) & 12(B) by UGC Act, 1956-Permanently Affiliated to Thiruvalluvar University

Accredited by NAAC with "A" Grade (3<sup>rd</sup> Cycle) – An ISO 21001:2018 EOMS Certified Institution

Supported by DST - FIST

**PG DEPARTMENT OF BIOCHEMISTRY**

**ORGANIZED**

**GUEST LECTURE PROGRAM & INTRA DEPARTMENT COMPETITION**

**ON**

**CELL DEATH PATHWAYS -AN UPDATE**

**07.08.2024**

**INVITATION**



**MARUDHAR KESARI JAIN COLLEGE FOR WOMEN (AUTONOMOUS), VANIYAMBADI**  
(A PROJECT OF SRI MARUDHAR KESARI JAIN TRUST)



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**PG AND RESEARCH DEPARTMENT OF BIOCHEMISTRY**

**ORGANIZES**

**WATSON AND CRICK BIOCHEMISTRY ASSOCIATION INAUGURATION**

**INTRA - DEPARTMENT COMPETITION & GUEST LECTURE**

**ON**

**"CELL DEATH PATHWAYS - AN UPDATE"**

**Date: 07.08.2024**

**Time: 11.00 AM**



**Dr. G. Sudhandiran., M.Sc., M.Phil., Ph.D**

Professor, Department of Biochemistry,

University of Madras

Guindy Campus

Chennai - 600 025

**V DILIP KUMAR JAIN**

**PRESIDENT**

**ANAND SINGHVI**

**SECRETARY**

**Dr. M. INBAVALLI**

**PRINCIPAL**

**Dr. C. ASOKAN**

**DEAN**

**Ms. R MALARKODI**

**HOD**

**PRINCIPAL**  
Marudhar Kesari Jain College  
for Women  
Vanivambadi - 635 751

# AGENDA

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## MARUDHAR KESARI JAIN COLLEGE FOR WOMEN (AUTONOMOUS)

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### PG AND RESEARCH DEPARTMENT OF BIOCHEMISTRY ORGANIZES

### WATSON AND CRICK BIOCHEMISTRY ASSOCIATION INAGURATION, INTRA - DEPARTMENT COMPETITION & GUEST LECTURE

ON

### "CELL DEATH PATHWAYS-AN UPDATE"

#### AGENDA

Date : 07.08.2024

Venue : Sri Arihanth Block Seminar Hall

Time : 11.00 am

Prayer

Welcome Address : Ms. G. Srimathi, II M.Sc. Biochemistry

Felicitation Address : Dr. M. Inbavalli,  
Principal,  
Marudhar Kesari Jain College for Women (Autonomous).

About the Department : S.Sathiyapriya  
II M.Sc. Biochemistry

Chief guest Introduction : Ms. P.A. Nikhath Fathima,  
III B. Sc Biochemistry

Honoring of the guest : Dr. M. Inbavalli,  
Principal  
Marudhar Kesari Jain College for Women (Autonomous).

Resource Person Address : Dr. G. Sudhandiran, M.Sc., M.Phil., Ph.D.  
Professor, Department of Biochemistry  
University of Madras, Guindy campus, Chennai-600 025.

Vote of thanks : Ms. S. Uma, II M.Sc. Biochemistry

National Anthem

**ALL ARE CORDIALLY INVITED**

**PRINCIPAL**  
Marudhar Kesari Jain College  
for Women  
Vanivambadi - 635 751

# REPORT



**MARUDHAR KESARI JAIN COLLEGE FOR WOMEN  
(AUTONOMOUS), VANIAMBADI**



## Activity Report

<b>Title</b>	<b>Guest Lecture on Watson &amp; Crick Biochemistry Association "Cell Death Pathways – An Update"</b>		
<b>Organized By</b>	<b>PG and Research Department of Biochemistry</b>		
<b>Type of Activity</b>	<b>Guest Lecture</b>		
<b>Level</b>	<b>Institutional</b>		
<b>Date</b>	<b>07/08/2024</b>	<b>Time</b>	<b>11.00am -12.30pm</b>
<b>Venue</b>	<b>Sri Arihanth Block Seminar Hall</b>	<b>Mode</b>	<b>Offline</b>
<b>Resource Person Details</b>	Dr. G. Sudhandiran, M.Sc., M.Phil., Ph.D. Professor, Department of Biochemistry University of Madras, Guindy campus, Chennai-600 025.		
<b>Objective of the Programme</b>	To Inaugurate Watson & Crick Biochemistry Association. To provide knowledge about Cell death Mechanism. To know the importance of Apoptosis To know about recent updates of cancer research and other Cell death Pathway.		
<b>Internal Participants Count</b>	<b>Students :142 Faculty : 10</b>	<b>External Participants Count</b>	<b>Students :Nil Faculty : Nil</b>

### Summary

The Programme was started with the fine tune of prayer song followed by Tamilthai Vazhthu and the programme was initiated in traditional way of lighting the kuthuvilakku by the Dignitaries and students. Ms G. Srimathi of II.Msc Biochemistry welcomed the gathering, The Academic advisor, Dr.T. Balasubramanian felicitated the gathering, by highlighting the importance of research and biochemistry in day today life. Ms S. Sathiyapriya of II. Msc Biochemistry spoke few words about the department of biochemistry. Ms. P.A. Nikhath Fathima of III.Bsc Biochemistry introduced the chief guest to the gathering. Honoring the chief guest was done by Academic advisor Dr. T. Balasubramanian and Dean of school of life science Dr. C Ashokan

The session was then handed over to Dr.G. Sudhandiran, M.Sc.,M.Phil.,Ph.D, Professor, Department of biochemistry, University of madras, Guindy campus,Chennai,India

The Resource person gave a detailed lecture on Cell Death Pathways-An update. He explained about on the following subtopics i) Tissues Homeostasis ii) mechanism of cell death pathways especially Apoptosis, Necrosis, Pyroptosis, Ferroptosis, Autophagy. iii) Neurodegenerative Disorder, AIDS, Cancer. iv) Importance of Apoptosis. V) Differences between Apoptosis and Necrosis. He explained the preventive measures of cancer. The students and faculties interacted with the resource person effectively, got their queries cleared and registered their valuable feedbacks regarding the session. Then the session happily moved ahead

for prize distribution for poster presentation and quiz competition. Vote of thanks given by Ms. S. Uma of II M.Sc, Biochemistry. Later the program concluded by National Anthem.

### Outcome of the Programme

The students came to know about

1. Students gained deeper understanding of cellular death mechanisms, such as apoptosis, necrosis, and autophagy.
2. Students gained insights about recent research advancements and emerging trends in the study of cellular death, including novel therapeutic approaches or discoveries.
3. Students gained knowledge about how cellular death processes are implicated in various diseases, such as cancer, neurodegenerative disorders, and cardiovascular diseases.
4. Students got to know about the leading expert, attendees may become more motivated and informed about pursuing further study or careers related to cellular biology and medical research.
5. Students were invited to visit Biochemistry lab of university of madras.

R. Namini  
7/8/2024

Head/ Co Ordinator

Principal

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# PHOTOS



*M. Subramanian*  
**PRINCIPAL**  
Marudhar Kesari Jain College  
for Women  
Vaniyambadi - 635 751



*M. Kesari*  
**PRINCIPAL**  
Marudhar Kesari Jain College  
for Women  
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