



# 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 (4<sup>th</sup> Cycle) – An ISO 21001:2018 EOMS Certified Institution

Supported by DST - FIST

## SCHOOL OF LIFE SCIENCES AND PHYSICAL SCIENCES

ORGANIZED

### ONE DAY INTERNATIONAL CONFERENCE

On

### INTERDISCIPLINARY APPROACH FOR SUSTAINABLE DEVELOPMENT

(ICIASD - 2025)

18.02.2025

### INVITATION

#### About the College

The college is consecrated by the Sri Marudhar Kesari Jain Trust and was established by generous Jain philanthropists in 1994. It takes pride in being accredited with an "A+" grade by NAAC, being an ISO 21001:2018 (EOMS) Certified Institution and 4 Star IIC Rating. The College currently offers 20 Undergraduate Courses, 15 Postgraduate Courses and 10 Ph.D. Programs. From the academic year 2024-25, the College has been conferred Autonomous status by the UGC, supported by DST-FIST marking the achievement of its next milestone in excellence.

#### About the Conference

The Conference ICIASD-2025 aims to Proclaim Interdisciplinary Knowledge for Researchers, Academics and Industry Professionals to share knowledge, collaborate and showcase information. This is an excellent opportunity for the delegates from Universities and Industries to interact with the scientists.

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#### Resource Persons



**Dr. N. Suresh**

Senior Scientist,  
Oerthbio, North  
Carolina, USA

**Dr. S. Anupama**

Center for  
Neuroscience, IISc,  
Bangalore



**Dr. S. Prabhu**

Department of Physical-  
Chemistry, Faculty of Chemical  
Sciences, University of  
Concepcion, Chile, Europe

## MARUDHAR KESARI JAIN COLLEGE FOR WOMEN (Autonomous)



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NAAC (4<sup>th</sup> Cycle) - An ISO 21001:2018 Certified  
Institution - Supported by DST-FIST



### School of Life Sciences & Physical Sciences

Organizes

One Day International  
Conference on

"Interdisciplinary Approach  
for Sustainable Development  
(ICIASD-2025)"

Date : 18.02.2025 | Time : 09.30 am

Venue : Sri Roop Rajat Seminar Hall

V. Dilip Kumar Jain Anand Singhvi Dr. M. Inbavalli Dr. C. Asokan  
President Secretary Principal Dean, Life Sciences

### Chief Patron

Sri. V. DILIP KUMAR JAIN

President

Sri Marudhar Kesari Jain College for Women (Autonomous)

Sri. ANAND SINGHVI

Secretary

Sri Marudhar Kesari Jain College for Women (Autonomous)

### Patron

Dr. M. INBAVALLI

Principal

### Convenor

Dr. C Asokan

Dean, School of Life & Physical Sciences

### Organizing Secretaries

Dr. M. Gomathi

Head & AP, Department of Biotechnology

Ms. R. Malarkodi

Head & AP, Department of Biochemistry

Ms. R. Mahalakshmi

Head & AP, Department of Nutrition, FSM & Dietetics

Dr. M Charumathy

Head & AP, Department of Chemistry

Dr. C Pavithra

Head & AP, Department of Physics

Ms. M Ayesha Sabeen

Head & AP, Department of Psychology

### Organizing Committee Members

The entire faculty of each department

### Themes of the Conference

The themes of the conference include, but are not limited to the following:

- Nano Materials & Thin Films
- Crystal Growth
- Affordable & Clean Energy
- Solar Cells
- Green Synthesis
- Analytical Chemistry
- Environmental Chemistry
- Climate Action
- Theoretical Chemistry
- Biochemistry
- Merging diseases
- Gene editing
- Mental health disorders
- Learning disabilities
- Good Health & Wellbeing
- Clinical & Medical Nutrition
- Clean Water & Sanitation
- Life on Land and Under Water

**Best 3 Presentation will be awarded  
with Prize & Certificate**

### Important Dates

Last date for the submission of Abstract – 15.02.2025

Last date for the submission of full paper – 18.02.2025

Last date for registration - 17.02.2025

### Fee Details

- UG & PG Students - Rs.200
- Research Scholars/ Academicians - Rs.250
- Industry Participants & Others - Rs.500
- For Paper Presentation - Rs. 300
- No TA & DA will be paid
- All accepted Abstracts will be published in conference proceeding with ISBN number with nominal charge (<https://pdf.ac/3xis4b>)
- Kindly send your Abstracts to [iciasd2k25@mkjc.in](mailto:iciasd2k25@mkjc.in)
- All accepted papers will be published in Peer Reviewed Journal with nominal charge ([www.mkjcjournals.in](http://www.mkjcjournals.in))

### Registration Link

<https://forms.gle/bfwdgg8QymApMQSi7>

For Payment



Ms. N. Pragathi

Mob: +91-88079 01809

### For More Info

Dr. M. Gomathi

Mob: +91-91598 91623

Dr. M. Charumathy

Mob: +91-70105 35931

## AGENDA



**MARUDHAR KESARI JAIN COLLEGE FOR WOMEN (AUTONOMOUS), VANIVAMBADI**  
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**SCHOOL OF LIFE SCIENCES & PHYSICAL SCIENCES  
ORGANIZES  
ONE DAY INTERNATIONAL CONFERENCE  
"Interdisciplinary Approach for Sustainable Development" (ICIASD 2025)**

**DATE:** 18/02/2025  
**TIME:** 09:30 AM

**Venue:** Sri Roop Rajat Seminar Hall

### AGENDA

**Prayer**

**Inauguration**

Welcome Address

: **Ms.T.K.Afsa**  
III B.Sc Chemistry

Felicitations & Honoring

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

Resource Persons Introduction

: **Ms. T. Sowmiya**  
III B.Sc Biotechnology

Resource Persons Address

: **Dr.N. Suresh**, Senior Scientist, Oerthbio,  
North Carolina, USA

Resource Persons Introduction

: **Ms.S. Sakthi Priya**  
III B.Sc Psychology

Resource Persons Address

: **Dr. M. Anupama**, Center for Neuroscience,  
IISc, Bangalore

Resource Persons Introduction

: **Ms. S. Gayathri**  
II M.Sc Physics

Resource Persons Address

: **Dr. S. Prabhu** Department of Physical-Chemistry, Faculty  
of Chemical Sciences, University of Concepcion, Chile,  
Europe

Paper Presentation

Prize Distribution

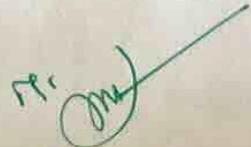
Feedback

**Valediction**

Vote of Thanks

: **Ms. S. Libina Cristy**  
III B.Sc NFSM & D

National Anthem

  
**PRINCIPAL**  
Marudhar Kesari Jain College  
for Women  
Vanivambadi - 635 754

**ALL ARE CORDIALLY INVITED**

## REPORT



MARUDHAR KESARI JAIN COLLEGE FOR WOMEN  
(AUTONOMOUS), VANIAMBADI



### Activity Report

<b>Title</b>	Interdisciplinary Approach for Sustainable Development (ICIASD-2025)		
<b>Organized By</b>	School of Life Sciences and Physical Sciences		
<b>Type of Activity</b>	Conference		
<b>Level</b>	International		
<b>Date</b>	18.02.2025	<b>Time</b>	9.30 AM
<b>Venue</b>	Sri Roop Rajat Seminar Hall	<b>Mode:</b>	Online and Offline
<b>Resource Person Details</b>	Dr.N.Suresh, Senior Scientist, Oerthbio, North Carolina, USA  Dr.S.Anupama, Centre for Neuroscience, IISc Bangalore  Dr.S.Prabhu, Department of Physical Chemistry, Faculty of Chemical Sciences University of Concepcion, Chile, Europe		
<b>Objective of the Programme</b>	Identification of Inhibitors of HIV-1 Gag Assembly Neuroscience- Past, Present, Future Photoelectrocatalytic hydrogen Production Approach Using Semiconductor Catalysts		
<b>Internal Participants Count</b>	Student: 150 Faculty: 48	<b>External Participants Count</b>	Online: 125 Offline: 89

#### Summary:

On 18<sup>th</sup> february 2025, School of Life Sciences & Physical Sciences of Marudhar Kesari Jain College for Women (Autonomous), Vaniyambadi jointly organized an International conference on "Interdisciplinary Approach for Sustainable Development". The Program started with a Prayer song followed by Tamil Thai Vazhthu. Ms. T.K.Afsa of III B.Sc Chemistry welcomed the gathering. Our beloved Principal Dr. M. Inbavalli felicitated the gathering and also honored the Chief guests. The Chief guests for the conference were Dr.N.Suresh, Senior Scientist, Oerthbio, North Carolina, USA. Dr.S.Anupama, Center for neuroscience, IISc, Bangalore. Dr.S.Prabhu, Department Of Physical-Chemistry, Faculty of Chemical Science, University Of Concepcion, Chile, Europe.

Ms. Sowmiya, III B.Sc Biotech, gave concise introduction about our chief guest Dr.N.Suresh. He explained briefly about the “Identification of Inhibitors for HIV-1 Gag assembly”. Ms.S.Sakthi Priya, III B.Sc Psychology, gave an introduction about our chief guest Dr.S.Anupama, She gave lecture on “ Neuroscience-Past ,Present , future”. In this session students gained the knowledge about the future of neuroscience with the potential to revolutionize treatments for neurological disorders. The chief guest introduction for Dr.S.Prabhu was given by Ms. S. Gayathri, II M.Sc Physics. He explained about the “Photoelectrocatalytic hydrogen production approach using semiconductor catalysts”. The students learned about the Splitting of water molecules in presence of a Photo catalyst in a sustainable energy technology. As part of conference Paper Presentation was conducted for participants. The Best Paper Presentation Certificates were given to the participants in way as appreciation. The Vote of thanks was given by Ms.S.Libina Cristy, III B.Sc NFSM & D; This Program is successfully end with National Anthem.



### Outcome of the Programme

The students came to know about the

1. Basic Concept of identification of Inhibitors for HIV-1 Gag assembly
2. Gained knowledge about the future of Neuroscience
3. Understand about the Semiconductor catalysts

*[Signature]*  
18/02/2025  
Head/ Co Ordinator

*[Signature]*  
18/2/25  
IGAC DIRECTOR

*[Signature]*  
18/2/25  
Principal

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Marudhar Kesari Jain College  
for Women  
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PHOTOS



  
**PRINCIPAL**  
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Vaniyambadi - 625 751



  
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