



## MARUDHAR KESARI JAIN COLLEGE FOR WOMEN, VANIYAMBADI

Recognized u/s 2(f) & 12(B) of UGC Act 1956 - Permanently Affiliated to Thiruvalluvar University

Re-Accredited by NAAC with "A" Grade An ISO 9001:2015 Certified Institution



### PG & RESEARCH DEPARTMENT OF PHYSICS ORGANIZED TWO DAYS NATIONAL LEVEL VIRTUAL CONFERENCE AN "FUTURE MATERIALS AND ITS APPLICATIONS" ON 05.10.2021 & 07.10.2021

#### INVITATION



**MARUDHAR KESARI JAIN COLLEGE FOR WOMEN, VANIYAMBADI.**  
Recognized under sec 2(f) & 12(B) of UGC Act, 1956 | Permanently Affiliated to Thiruvalluvar University Re-Accredited with "A" Grade by NAAC (3rd Cycle) | An ISO 9001:2015 Certified Institution

**PG & RESEARCH DEPARTMENT OF PHYSICS AND PG DEPARTMENT OF CHEMISTRY ORGANIZES**

**TWO DAYS NATIONAL LEVEL VIRTUAL CONFERENCE ON "FUTURE MATERIALS AND ITS APPLICATIONS"**

**05.10.2021 & 07.10.2021**

**Registration Fee:**  
For Faculty: Rs. 500 (Max. 2 Members)  
For Students: Rs. 300 (Max. 3 Members)

Selected Abstract Will Be Published in ISBN Book

**Registration Link:** <https://forms.gle/Vhw5dKZgsCDgC3si9>  
**E-Certificate Will be Provided**  
**Contact us :** [physicsmkjc123@gmail.com](mailto:physicsmkjc123@gmail.com)  
**Live In:**



**Admission Link:** [www.mkjc.in](http://www.mkjc.in)

**Sri. C. Lickmichand Jain**  
**SECRETARY**

**Dr. M. Inbavalli**  
**PRINCIPAL**

**RESOURCE PERSONS**



**Dr. W. MADHURI**  
Associate Professor,  
Centre for Functional Materials,  
Vellore Institute of Technology (VIT),  
Vellore

**Topic:** "Hybrid Microwave Sintering of Ceramics For Electrical Applications"

**Date:** 05.10.2021 Time: 10.30 AM - 11.30 AM



**Dr. AKELLA SIVARAMAKRISHNA**  
Professor, Department of Chemistry,  
School of Advanced Sciences,  
Vellore Institute of Technology (VIT),  
Vellore

**Topic:** "Chemistry and Applications of Organometallic Group 10 (Ni, Pd And Pt) Metal Complexes-Beyond Expectations!!"

**Date:** 05.10.2021 Time: 2.00 PM - 3.00 PM




**Dr. D. ZARENA**  
Assistant Professor,  
Department of Physics,  
Jawaharlal Nehru Technological  
University Anantapur, Anantapur,  
Andhra Pradesh

**Topic:** "Structural Studies of Some Interesting Peptides"

**Date:** 07.10.2021 Time: 10.30 AM - 11.30 AM

**Dr. V. Sabari, Dr. C. Pavithra & Dr. M. Charumathy**  
**CONVENORS**

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

## AGENDA



**MARUDHAR KESARI JAIN COLLEGE FOR WOMEN, VANIYAMBADI**

**(A Project of Sri Marudhar Kesari Jain Trust)**

**Marudhar Nagar, Chinnakallupalli, Vaniyambadi.**

**Department of Chemistry & Physics**

**Two days National Level Conference**

**On**

**“Future Materials and its Applications”**

**5.10.2021 & 7.10.2021**

### **Agenda**

**Prayer**

**Morning Session**

**: 10:00 AM**

**Welcome address**

**: Ms.V.K.Nagiha Suman**

**I M.Sc Chemsitry**

**Department of Chemistry,**

**MKJC.**

**Felicitaton**

**: Dr. M. Inbavalli**

**Principal, MKJC.**

**Resource Persons Address**

**: Ms. R. Shalini**

**I M.Sc Chemistry,**

**MKJC, Vaniyambadi.**

**Resource Persons**


**: Dr.W. Madhuri**

**Associate Professor,**

**Department of Physics,**

**Centre for Crystal Growth School of Advanced Sciences,**

**VIT University,Vellore**

  
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**Vaniyambadi - 635 751**

**Presentation :**

**Mr.T. Avanish Babu**

Research Scholar

VIT.

**Ms. Vaishnavi Khade**

Research Scholar,VIT,Vellore.

**Ms. Chinmay Chandan Parth**

Research Scholar,VIT,Vellore.

**Afternoon Session :**

2:00 PM

**Resource Person Address :**

**Ms. Shalini**

I M.Sc Physics

MKJC, Vaniyambadi

**Resource Person :**

**Dr. Akella Sivaramakrishna**

Professor,

Department of Chemistry

School of Advanced Sciences

VIT University,Vellore.

**Presentation :**

**Ms. Anjana Vinod,**

Research Scholar,VIT,Vellore

Ms. T. Sindhu,

Research Scholar, National College,

Bharathidasan University,

Trichy

**DATE: 7.10.2021**

**Resource Person :**

**Dr.D.Zarena**

Assistant Professor,

Department of Physics,

Jawaharlal Nehru Technological University

Anantapur,Andhra Pradesh.

**Judge :**


**Dr.P.K.Mohammed Imran**

Associate professor

Department of Chemistry

Islamiah College (Autonomous),

Vaniyambadi

  
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**Presentation Schedule :**


**Ms.K.Logeshwari,**  
PG Student,D.K.M.College for Women,Vellore  
**Ms.R. Shalini,**PG  
Student,MKJC,Vaniyambadi.  
**Ms. R. Jayalakshmi,**PG  
Student,MKJC,Vaniyambadi.  
**Ms.S. Umamageshwari,**  
PG Student,MKJC,Vaniyambadi.

**Ms.G. Sathya,**  
PG Student,MKJC,Vaniyambadi.  
**Ms.G. Priya,** PG Student,MKJC,Vaniyambadi.  
**Ms. A.V. Elakiya,** PG  
**Ms. V.K. Nagiahsuman,**  
PG Student,MKJC,Vaniyambadi

**Vote of Thanks :**

**Ms.T.Gayathri Devi**  
II M.Sc Chemistry  
Department of  
Chemistry,MKJC.

**National Anthem**

  
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**PG & RESEARCH DEPARTMENT OF PHYSICS ORGANIZED TWO  
DAYS NATIONAL LEVEL VIRTUAL CONFERENCE ON  
“FUTURE MATERIALS AND ITS APPLICATIONS” ON  
05.10.2021 & 07.10.2021**

**REPORT**

On 5<sup>th</sup> October 2021, A National level virtual conference on **“FUTURE MATERIALS AND ITS APPLICATIONS”** was organized by PG & Research Department of Physics and PG Department of Chemistry, Marudhar Kesari Jain College for Women, Vaniyambadi. The Program started with a Prayer song. The welcome address was given by Ms. V. K. Nagiha Suman I PG Chemistry. Next the felicitation was given by Dr. M. Inbavalli, Principal, MKJC, Vaniyambadi.

Dr. M. Charumathy, Head, PG Department of Chemistry had introduced the chief guest Dr. W. MADHURI, Associate Professor, Centre for Functional Materials School of Advanced Sciences, VIT, Vellore, explained widely about Hybrid Microwave sintering of ceramics for Electrical Applications on Session-1.

In Session -2 Dr. AKELLA SIVARAMAKRISHNA, Professor, Department of Chemistry, School of Advanced Sciences, VIT, Vellore, explained about Chemistry and application of Organometallic Group 10(Ni, Pd, and Pt) Metal Complexes it's just beyond the expectations and it was very helpful to our students to solve problems in future competitive exams. Second day of the conference was held on 07.10. 2021.

Dr. D. ZARENA, Assistant Professor, Department of Physics, Jawaharlal Nehru Technological University, Anantapuram, Andhra Pradesh, explained keenly about structural studies of some interesting peptides and it was very interesting and facts about peptides were conceivable. Totally 420 members were participated. Finally, Ms. T. Gayathri Devi, IM.Sc, Department of Chemistry, delivered vote of thanks.

## KEY NOTE

Structure of Peptides

Application of organometallic complexes


Study of Peptides bonds linkages

Hybrid Microwave centering

Chemistry of metals organic metallic compounds and its important



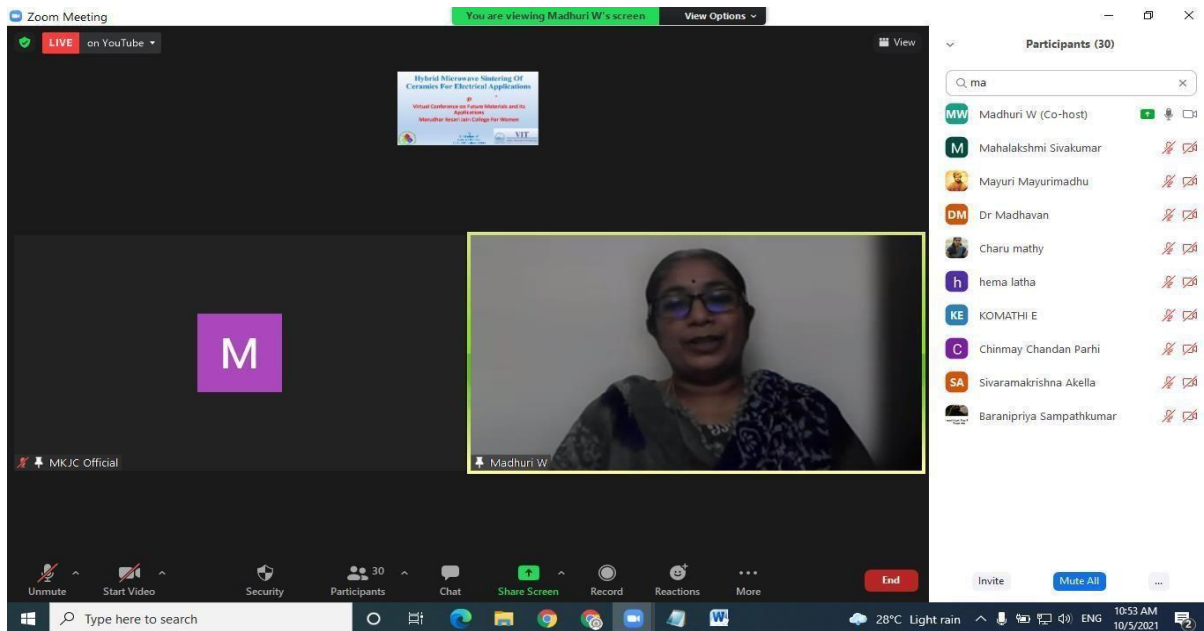
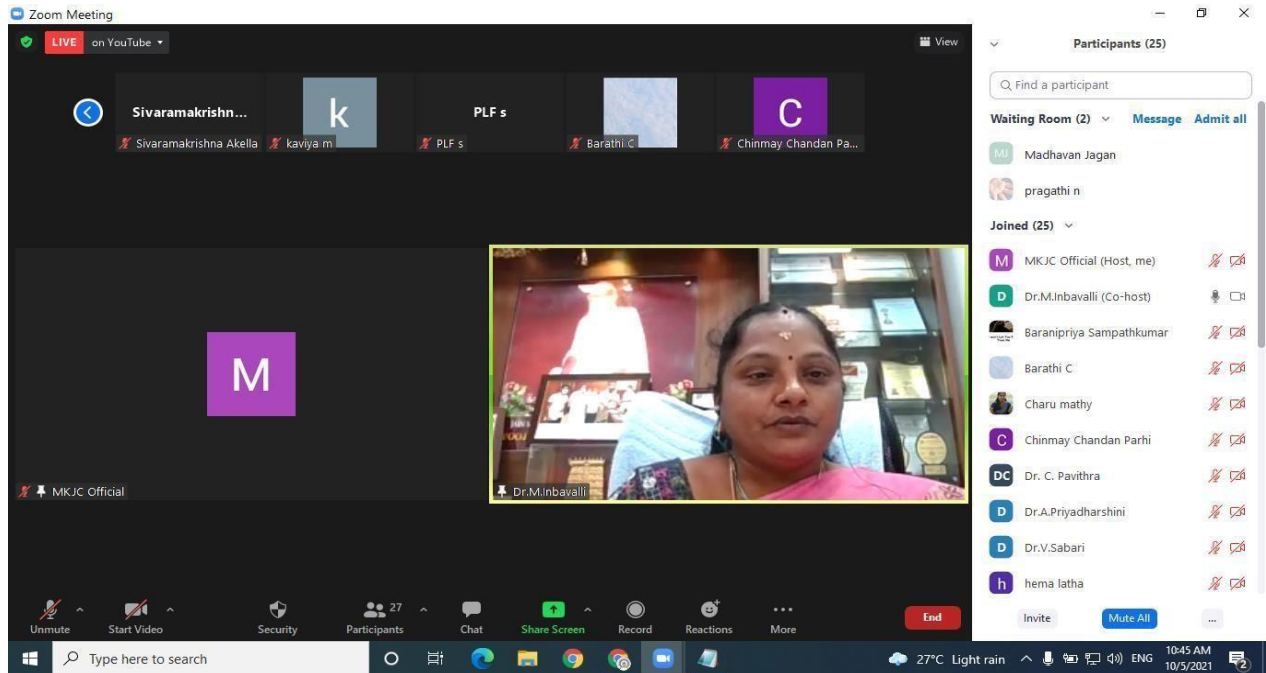
Head of the Department



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## PHOTO



*M. Anand*  
**PRINCIPAL**  
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