



**MARUDHAR KESARI JAIN COLLEGE FOR WOMEN, VANIYAMBADI**  
(A Project of Sri Marudhar Kesari Jain Trust)

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 NATIONAL LEVEL  
FACULTY DEVELOPMENT PROGRAM AN DESIGN & DEVELOPMENT OF ORGANIC  
NONLINEAR OPTICAL MATERIALS 22.06.2021 – 24.06.2021**

**INVITATION**



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(A Project of Sri Marudhar Kesari Jain Trust)

Recognized under sec 2(f) & 12(B) of UGC Act, 1956 || Permanently Affiliated to Thiruvalluvar University  
Re-Accredited by NAAC with "A" Grade (3<sup>rd</sup> Cycle) || An ISO 9001:2015 Certified Institution  
Marudhar Nagar, Chinnakallupalli, Vaniyambadi-635751, Tirupattur District

**PG & RESEARCH DEPARTMENT OF PHYSICS**

**ORGANIZES THREE DAYS NATIONAL LEVEL FACULTY DEVELOPMENT  
PROGRAM ON  
DESIGN & DEVELOPMENT OF ORGANIC NONLINEAR OPTICAL MATERIALS**  
22<sup>nd</sup> - 24<sup>th</sup> June 2021



**Dr. P. VASUDEVAN**  
Associate Professor  
Department of Physics  
Rajalakshmi Engineering  
College, Thandalam,  
Chennai.



**Dr. K. PADMA PRASAD**  
Assistant Professor,  
PG Physics Department  
JSS College of Arts, Commerce and Science  
Ooty Road, Mysore




**Topic: Studies On Photonic Materials**

**Date & Time: 22.06.2021 & 10.00 am - 11.00 am**

**Topic: Structure and Properties of Perovskite  
Materials**

**Date & Time: 22.06.2021 & 2.00 pm - 3.00 pm**

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

**Dr. S. KALAISELVAN**

Assistant Professor  
Department of Chemistry  
M.Kumarasamy College of Engineering  
Karur

**Dr. E. VISWANATHAN**

Regional Manager, (Research & Sales)  
Transzend Scientific Pvt Ltd  
Electronic City  
Bangalore



**Topic :** Synthesis, Morphological Studies & Applications  
Of Nanostructured Materials.

**Topic:** Probing the Defects and Defect Structure  
Using Spectroscopic Studies

**Date & Time:** 23.06.2021 & 10.00 am - 11.00 am

**Date & Time:** 23.06.2021 & 2.00 pm - 3.00 pm

**Dr.V.RAGAVENDRAN**

Assistant Professor  
Department of Physics  
Sri Chandrasekharendra Saraswathi  
Viswa Mahavidyalaya  
(SCSVMV Deemed University),  
Enathur, Kanchipuram

**Dr. J.KARTHIKEYAN**

Associate Professor & Head,  
Department of Chemistry  
Sathyabama Institute of Science & Technology  
Chennai



**Topic:** Application Of Density Functional Theory  
to Polyatomic Molecules

**Topic :** Design and Development of Organic  
Nonlinear Optical Materials

**Date & Time:** 24.06.2021 & 10.00 am - 11.00 am

**Date & Time:** 24.06.2021 & 2.00 pm - 3.00 pm

**No Registration Fee**

**E-Certificate Will Be Provided**

**Contact us :** physicsmkjc123@gmail.com

**Registration Details Link :** <https://forms.gle/SHSYCfpWJjJJMvrNA>

**Live on:**  

**Sri C. Lickmichand Jain**


**SECRETARY**

**Dr. M. Inbavalli**

**PRINCIPAL**

**Dr. V. Sabari & Dr. C. Pavithra**

**CONVENORS**

  
**PRINCIPAL**  
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Vaniyambadi - 635 751

## AGENDA



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



(A Project of Sri Marudhar Kesari Jain Trust)  
Marudhar Nagar, Chinnakallupalli, Vaniyambadi.

**PG AND RESEARCH DEPARTMENT OF PHYSICS**

*Organize*

**FACULTY DEVELOPMENT PROGRAM**

On

**"DESIGN & DEVELOPMENT OF ORGANIC NONLINEAR OPTICAL MATERIALS"**

**Agenda**

**Date: 22-06-2021 to 24-06-2021**

**Timing: Morning Session: 10.00 am -11.00 am**

**Afternoon Session: 02.00 Pm -03.00pm**

**DAY-1**

**INAUGURAL SESSION**

**PRAYER**

**WELCOME ADDRESS**

**: Dr.C.Pavithra**  
HOD, Department of Physics,  
Marudhar Kesari Jain College for Women.

**FELICITATION ADDRESS**

**: Dr.M.INBAVALLI**  
Principal,  
Marudhar Kesari Jain College for Women.

  
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**PROGRAMME SCHEDULE**

**Date: 22-06-2021**

**Timing: 10.00 am -11.00 am**

**SESSION – I**

**CHIEF GUEST INTRODUCTION** : **Ms. A JAYATHSENAYAI**  
Assistant Professor, Department of Physics,  
Marudhar Kesari Jain College for Women.

**CHIEF GUEST ADDRESS** : **Dr. P. VASUDEVAN**  
Associate Professor  
Department of Physics  
Rajalakshmi Engineering College,  
Thandalam, Chennai

**Timing: 2.00 pm -3.00 pm**

**SESSION – II**

**CHIEF GUEST INTRODUCTION** : **Ms. M.ANCHANA**  
Assistant Professor, Department of Physics,  
Marudhar Kesari Jain College for Women.

**CHIEF GUEST ADDRESS** : **Dr. K. PADMA PRASAD**  
Assistant Professor  
PG Physics Department  
JSS College of Arts, Commerce and  
Science Ooty Road, Mysore

**VOTE OF THANKS** : **Ms. M.ANCHANA**  
Assistant Professor, Department of Physics,  
Marudhar Kesari Jain College for Women

  
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**DAY-2**

**Date: 23-06-2021**

**Timing: 10.00 am -11.00 am**

**SESSION – III**

**CHIEF GUEST INTRODUCTION : Ms. A. REENA ARUL VANI**

Assistant Professor, Department of Physics,  
Marudhar Kesari Jain College for Women.

**CHIEF GUEST ADDRESS**

**: Dr. S. KALAISELVAN**  
Assistant Professor  
Department of Chemistry  
M.Kumarasamy College of Engineering  
Karur

**Timing: 2.00 pm -3.00 pm**

**SESSION – IV**

**CHIEF GUEST INTRODUCTION : Ms. M.ANCHANA**

Assistant Professor, Department of Physics,  
Marudhar Kesari Jain College for Women.

**CHIEF GUEST ADDRESS**

**: Dr. E. VISWANATHAN**  
Regional Manager, (Research & Sales)  
Transzend Scientific Pvt Ltd  
Electronic City,Bangalore

**VOTE OF THANKS**

**: Ms. M.ANCHANA**  
Assistant Professor, Department of Physics,  
Marudhar Kesari Jain College for Women

  
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**DAY-3**

**Date: 24-06-2021**

**Timing: 10.00 am -11.00 am**

**SESSION – V**

**CHIEF GUEST INTRODUCTION : Ms. A. REENA ARUL VANI**

Assistant Professor, Department of Physics,  
Marudhar Kesari Jain College for Women

**CHIEF GUEST ADDRESS**

**: Dr. V.RAGAVENDRAN**

Assistant Professor  
Department of Physics  
Sri Chandrasekharendra Saraswathi Viswa  
Mahavidyalaya (SCSVMV Deemed University),  
Enathur, Kanchipuram

**Timing: 2.00 pm -3.00 pm**

**SESSION – VI**

**CHIEF GUEST INTRODUCTION : Ms. M.ANCHANA**

Assistant Professor, Department of Physics,  
Marudhar Kesari Jain College for Women

**CHIEF GUEST ADDRESS**


**: Dr.J.KARTHIKEYAN**

Associate Professor & Head, Department of Chemistry,  
Sathyabama Institute of Science and Technology,  
Chennai -600119

**OVER ALL VOTE OF THANKS : Ms. A. REENA ARUL VANI**

Assistant Professor, Department of Physics,  
Marudhar Kesari Jain College for Women



  
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**PG & RESEARCH DEPARTMENT OF PHYSICS ORGANIZED NATIONAL LEVEL  
FACULTY DEVELOPMENT PROGRAM AN DESIGN & DEVELOPMENT OF ORGANIC  
NONLINEAR OPTICAL MATERIALS 22.06.2021 – 24.06.2021**

**REPORT**

PG & Research Department of Physics organized Three Days National Level Faculty Development Program on” **Design & Development of Organic Nonlinear Optical Materials**” from 22.06.2021 to 24.06.2021. The Programme started with invocation of prayer followed by welcome address delivered by **Dr. C. Pavithra**, Head, Department of Physics, MKJC and Felicitation of the gathering was given by **Dr. M. Inbavalli** Principal, MKJC. The Chief Guest introduction was given by **Ms.A. Jayathsenayai** Assistant Prof., Dept. of Physics, MKJC on 22.06.2021 at 10.00 am.

The resource person for the First Session of the Program was **Dr. P. Vasudevan** Associate Professor, Rajalakshmi Engineering College, Thandalam, Chennai delivered a talk on various Studies on Photonic Materials. The Chief Guest introduction was given by **Ms. M. Anchana** Assistant Prof., Dept. of Physics, MKJC on 22.06.2021 at 2.00 pm.

The resource person for the Second Session of the Program was **Dr. K. Padma Prasad** Assistant Professor, PG Physics Department, JSS College of Arts, Commerce and Science, Ooty Road, Mysore delivered a talk on Structure and Properties of Perovskite Materials. The Chief Guest introduction was given by **Ms. A. Reena Arul Vani** Assistant Prof., Dept. of Physics, MKJC on 23.06.2021 at 10.00 am.

The resource person for the Third Session of the Program was **Dr. S. Kalaiselvan** Assistant Professor, M. Kumaraswamy College of Engineering, Karur delivered a talk on Applications, Structure Morphological Studies of Nano Structured Materials Synthesized from Plant-Based Carbon Source by Spray Pyrolysis.

The Chief Guest introduction was given by **Ms. M. Anchana** Assistant Prof., Dept. of Physics, MKJC on 23.06.2021 at 2.00 pm. The resource person for the fourth Session of the Program were **Dr. E. Viswanathan** Regional Manager, (Research & Sales) Transend Scientific Pvt Ltd, Electronic City, Bangalore delivered a talk on Probing the Defects and Defect Structures Using Spectroscopic Studies.

The Chief Guest introduction was given by **Ms. A. Reena Arul Vani** Assistant Prof., Dept. of Physics, MKJC on 24.06.2021 at 10.00 Am. The resource person for the fifth Session of the Program was **Dr. V. Ragavendran** Assistant Professor, Sri Chandrasekharan Saraswathi Viswa Mahavidyalaya (SCSVMV Deemed University), Enathur, Kanchipuram delivered a talk on Application of Density Functional Theory to Polyatomic Molecules. The Chief Guest introduction was given by **Ms. A. Reena Arul Vani** Assistant Prof., Dept. of Physics, MKJC on 24.06.2021 at 2.00 pm. The resource person for the Sixth Session of the program were **Dr. J. Karthikeyan** Associate Professor & Head, Department of Chemistry, Satyabhama Institute of Science & Technology, Chennai delivered a talk on Design and Development of Organic Nonlinear Optical Materials. Totally 341 members were participated. A verbal gratitude was delivered by **Ms. M. Anchana**, Assistant Professor, Department of Physics, MKJC.

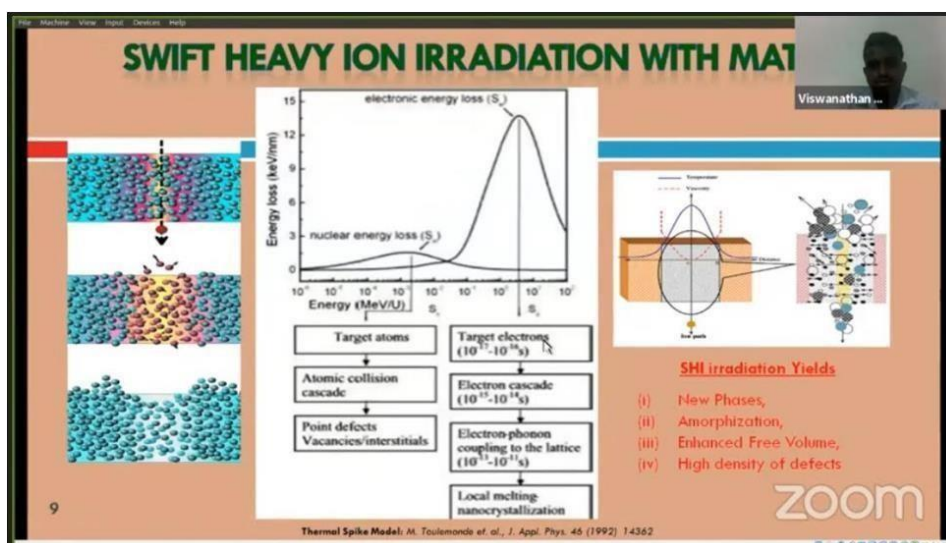


Head of the Department



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## PHOTO



*M. Anu*

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