



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 Re-Accredited with "A" Grade by NAAC (3rd Cycle) Permanently
Affiliated to Thiruvalluvar University An ISO 9001:2015 Certified Institution

PG Department of Chemistry Organized Guest Lecture Programme
On
Faculty Development Program on Dye- Sensitized Solar Cells on 24.08.2021

INVITATION



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Marudhar Nagar, Chinnakallupalli, Vaniyambadi-635751, Tirupattur District.

PG DEPARTMENT OF CHEMISTRY
ORGANIZES
FACULTY DEVELOPMENT PROGRAM
On
"DYE-SENSITIZED SOLAR CELLS"
Date : 24th August 2021



Dr. S. Ganesan M.Sc., M.Phil., Ph.D
Assistant Professor: PG & Research
Department of Chemistry
Kattankulathur Campus
SRM Institute of Science and Technology
Chennai- 600365

No Registration Fee
E-Certificate Will Be Provided
Registration Link
<https://forms.gle/ScCgiwwFR8x91PnWA>
Admission Link
<https://forms.gle/pavqKyPebP9tgPfd6>

LIVE ON  

Sri .C. Lickmichand Jain
SECRETARY

Dr. M.Inbavalli
PRINCIPAL

Dr. M. Charumathy
CONVENOR
Head, Department of Chemistry


PRINCIPAL
Marudhar Kesari Jain College
for Women
Vaniyambadi - 635 751



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AGENDA



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Marudhar Nagar, Chinnakallupalli, Vaniyambadi.

PG Department of Chemistry

Organizes

One Day State Level FDP

On

"Dye-sensitized solar cells"

24.08.2021

Agenda

Prayer

Welcome address

: Ms. P. Mayuri
Assistant Professor,
Department of Chemistry,
MKJC.

Felicitaton


: Dr. M. Inbavalli,
Principal,
MKJC, Vaniyambadi

Resource Person Address

: Dr.M.Charumathy
Head & Assistant Professor,
PG Department of Chemistry,
MKJC, Vaniyambadi

Resource Person

: Dr. S. Ganesan
Assistant Professor,
PG & Research Department of Chemistry,
SRM Institute of Science and Technology
Chennai


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On
Faculty Development Program on Dye- Sensitized Solar Cells on 24. 08. 2021**

REPORT

On 24th Aug 2021, FDP on “**DYE – SENSITIZED SOLAR CELLS**” was organized by 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.P.Mayuri, Assistant Professor, PG Department of Chemistry Dr.M. Charumathy, Head, PG Department of Chemistry has introduced the Chief guest Dr.S.Ganesan, Assistant professor, PG & Research Department of Chemistry, SRM Institute of Science and Technology, Chennai. Sir explained in a deliberate Strategy Manner about the Dye- Sensitized Solar Cells. It was widely helped our faculties in future Research Guidelines. Finally, Ms. R. Ramya, Assistant Professor, PG Department of Chemistry, delivered the vote of thanks.

PARTICIPATION COUNT-145

Head of the Department

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SESSION PHOTO

Experimental Procedures

Preparation of nanocrystalline TiO_2 film on FTO plate

MIXTURE
Glacial acetic acid, tetraisopropyl titanate $\text{Ti}[(\text{CH}_3)_2\text{CHO}]_4$, triton X-100, 2-propanol, water [added drop wise while stirring the solution] and TiO_2 powder [P 25, Degussa]

↓ stirring for 3 - 4 h

Semi-colloidal suspension

↓

Spread on a preheated FTO by doctor blade method.

↓

TiO_2 coated glass plate was sintered at 450°C for 30 min.

Participants (74)

- Ramya Chem (me)
- MKJC Official (Host)
- Dr.CHARUMATHY
- pavithra.A
- A. Pavithra
- Aishwarya. k
- Aliya Anjum
- Archana. N
- Ashwini Physics
- Ashwini. S
- Avigna v

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