


**N.M.S SERMATHAI VASAN COLLEGE FOR WOMEN, MADURAI-12**


**DEPARTMENT OF PHYSICS & WETLAB CHAMPIONSHIP AT  
SHAASTRA EVENT,**

**IIT-MADRAS**

**INVITATION**



**WLC**  
WETLABCHAMPIONSHIP.COM



**National Level Competition For physics Students**  
**Association with Shaastra Fest (IIT Madras Event)**

**Workshop Detail**

**Topic :** Solar Cell Technology  
**Date :** 14th & 15th Oct 2019  
**Registration Fee - Rs 1150/-**  
**Session Time :** 10 Am to 5 Pm



**Highlights**

1. Industry Experts as Trainers.
2. All Participants will receive certificate in each round.
3. Competition to be conducted at the end of the workshop on the second day to select top 3 students.
4. Three selected students would be participating in finale round at IIT Campus.

**Round of Selection**

- 1st Round:  
**N.M.S. Sermathai Vasan College For Women, Madurai**
- 2nd Round:  
**IIT Madras**

**Venue :** N.M.S. Sermathai Vasan College For Women, Madurai  
**Faculty Co-ordinator :** Mrs. M. Kavitha (9894365221)  
**Student Co-ordinator's :** Ms. M. Monica Devi (7200061388)  
Ms. K. Swathiga (8883555347)



[www.makeintern.com](http://www.makeintern.com) [sonu@makeintern.com](mailto:sonu@makeintern.com) +91 9212615394

**Faculty Co-ordinator:**

Mrs.M.Kavitha M.Sc.,M.Phil.,B.Ed.,  
Head, Department of Physics

**Student Co-ordinator's:**

Ms.M.Monika Devi, II M.Sc.,Physics  
Ms.K.Swathiga, III B.Sc.,Physics

**Organizers:**

Mrs.C.Karthika M.Sc.,M.Phil.,  
Assistant Professor

Mrs.G.Nithya M.Sc.,M.Phil.,  
Assistant Professor

Ms.M.ThivyaBarathi M.Sc.,M.Phil.,  
Assistant Professor

Ms.J.Krithiga M.Sc.,M.Phil.,  
Assistant Professor

Ms.P.Balanagajothi M.Sc.,M.Phil.,  
Assistant Professor

Ms.M.Meenakshi M.Sc.,M.Phil.,  
Assistant Professor

Ms.T.K.Jothi Priya M.Sc.,M.Phil.,  
Assistant Professor



**Programme Details:**

Topic : Solar Cell Technology  
Session Time : 10 a.m to 5 p.m

**Industrial Expert:**

Dr.(Ms) T.Theivasanthi

**Programme Schedule:**

Day 1: 16.10.2019

**Part 1:**

- Basics of Solar Photovoltaic Technology.
- Growth of Photovoltaic.
- Environmental impacts of Photovoltaic Technologies.
- Advantages.

**Part 2:**

- Simulation Software and PV System Design.
- Faculty can present a paper on "Solar Cell Technology"

Day 2:17.10.2019

**Part 1:**

- (Hands on session)Solar Powered mobile Chargers.

**Part 2:**

- (Hands on session)Light Seeking Robots.
- Faculty can present a paper on "Solar Cell Technology"

**Registration Fees(UG/PG/Scholars):**

As per Shaastra Event, IIT-Madras

Rs.1150/- (for Two days)

Lunch & Tea: Rs.200/-

If Accomodation Needed (Specify)

**Transport**

❖ College buses will be available at 9 am near Hotel Vasantham, (NearPeriyarBus stand), Madurai.

❖ Ladies buses (Citybuses) are also available.

**Starting Place**

**Time Bus No.**

Anna Busstand	8.15	16 P
Arapalayam	8.25	10 D
Periyar	8.40 /9.05	10 C, 10R,
Thirumangalamb	8.15	37 B
Ampanadi	8.15	16 M

**NADAR MAHAJANA SANGAM**

SERMATHAI VASAN COLLEGE  
FOR WOMEN

AVANIAPURAM,MADURAI- 12.



**Department of Physics**

Cordially invites you to the Workshop Training

on Solar Cell Technology

Organized by

WetLab Championship at Shaastra Event,  
IIT-Madras

On

16.10.2019 & 17.10.2019



**Contact Details:**

College Phone No: 7200061388, 7200051388

Cell.No: 9894365221

Email ID: nmssvcpphysics@gmail.com

Dear Delegates,

*Greetings. We, the faculty and students of the Department of Physics are glad to invite you to join us in the amazing get-together where knowledge and creativity blends, Workshop Training on Solar Cell Technology on 16.10.2019 and 17.10.2019*

*Privilege is ours on this occasion to have your presence in your premises by*

**Management:**

Dr.G.Marickumar M.A.,M.Phil.,M.T.M.,Ph.D.,

President

Mr.G.Karikolraj

Secretary

Mr.M.Jeyakumar B.E.,

Correspondent

Mr.D.Nallathambi B.A.,B.L.,

Treasurer

Mrs.D.KarthigaRani M.Sc.,M.Phil., Ph.D

Principal i/c

**About the College:**

*Nadar Mahajana Sangam Sermathai Vasan College for Women was established in the year 1993 by the Philanthropists of Nadar Mahajana Sangam. The college is situated in the southern banks of river Vaigai near Avaniyapuram. With noble mission to produce self – reliant young women, the College offers 12 UG and 5 PG courses and 6 university diploma and certificate courses. With magnificent infra structure, the college is affiliated to Madurai Kamaraj University.*

**About the Department:**

*The golden pages of The Department of Physics began with the inception of B.Sc Physics in the year 1993. MSc Physics has its fruition in the year 2017. The department plays a pivotal role in developing scientific temper among students. The department also aims to shape the innovative scientific skills of the students and have industrial scope in the emerging and flourishing fields of Physics*

**Focus of the Workshop:**

- *This is an initiative to aware the student of Physics field to industrial exposure.*

**Highlights:**

*This is a Workshop followed by national level competition for Physics Students association with Shastra Fest (IIT-Madras Event)*

- *Industry Experts as Trainers*
- *All Participants will receive certificate in each round*
- *Competition to be conducted at the end of the workshop on the second day to select top 3 students.*
- *Three selected students would be participating in finale round at IIT campus*

**Note:**

**Round of Selection:**

*1<sup>st</sup> Round-NMS Sermathai Vasan College for Women, Madurai.*

*2<sup>nd</sup> Round-IIT-Madras*

*The winner of second round will be awarded with Rs.50000/- Cash award.*

N.M.S. Sermathai Vasan College

For Women

Department of Physics

WetLab Championship at Shastra Event,  
IIT-Madras

Send this Registration form through mail or by post on or before 09.10.2019.

E-Mail: [nmsvcphysics@gmail.com](mailto:nmsvcphysics@gmail.com)

**Registration Form**

College Name :

No.of.Participants:

Participant List (Name with class)

Signature of the HOD  
(Head of the Department)

**NMS SERMATHAI VASAN COLLEGE FOR WOMEN, MADURAI-12**  
**DEPARTMENT OF PHYSICS & WETLAB CHAMPIONSHIP AT SHAASTRA EVENT,**  
**IIT-MADRAS**  
**Jointly Organizes**  
**A WORKSHOP ON SOLAR CELL TECHNOLOGY**

**Date : 16.10.2019**

**INAUGURAL AGENDA**

- ❖ **PRAYER SONG**
- ❖ **LIGHTING KUTHUVIZHAKKU**
  
- ❖ **WELCOME ADDRESS** : **Mrs. M.Kavitha**, M.Sc., M.Phil., B.Ed.,  
Head, Department of Physics
- ❖ **PRESIDENTIAL ADDRESS** : **Dr. G. Mariskumar**, M.A., M.Phil., M.T.M., Ph.D.,  
President
- ❖ **FELICITATION** : **Thiru.G.Karikolraj**  
Secretary  
**Thiru.M.JeyaKumar** B.E.,  
Correspondent  
**Thiru.D.Nallathambi** B.A., B.L.,  
Treasurer  
**Mrs.D.KarthigaRani** M.Sc., M.Phil.,  $\overline{Ph. D.}$ ,  
Principal (i/c)
  
- ❖ **RESOURCE PERSON**  
& **INDUSTRIAL EXPERT** : **Dr.T.Theivasanthi**  
Assistant Professor,  
International Research Centre  
Kalasalingam University  
Krishnankovil
  
- ❖ **VOTE OF THANKS** : **Mrs.C.Karthika** M.Sc.,M.Phil.,  
Assistant Professor, Department of Physics

**NMS SERMATHAI VASAN COLLEGE FOR WOMEN, MADURAI-12**  
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**Jointly Organizes**  
**A WORKSHOP ON SOLAR CELL TECHNOLOGY**  
**Date : 16.10.2019**



❖ **CHIEF GUEST ENTERING INTO THE CAMPUS**

❖ PRAYER SONG



❖ LIGHTNING KUTTUVIZHAKKU



❖ **WELCOME ADDRESS : MRS. M.KAVITHA,  
HEAD, DEPARTMENT OF PHYSICS**



❖ **FELICITATION : MRS.D.KARTHIGARANI,  
PRINCIPAL**



## ❖ MOMENTO DISTRIBUTION





❖ **CHIEF GUEST: DR.T.THEIVASANTHI**  
**ASSISTANT PROFESSOR,**  
**INTERNATIONAL RESEARCH CENTRE**  
**KALASALINGAM UNIVERSITY**  
**KRISHNANKOVIL.**



**TOPIC : “RECENT TREND IN NANOSCIENCE AND ITS APPLICATION  
ON SOLAR CELL TECHNOLOGY”**

❖ **HANDS-ON TRAINING FOR THE PARTICIPANTS**



## SELECTION FOR THE NATIONAL LEVEL COMPETITION

### ❖ ROUND 1: WRITTEN TEST



### ❖ ROUND 2: GROUP DISCUSSION



## ❖ CERTIFICATE DISTRIBUTION



❖ FACULTIES WITH THE CHIEF GUEST



❖ **VOTE OF THANKS : MRS.C.KARTHIKA,  
ASSISTANT PROFESSOR,  
DEPARTMENT OF PHYSICS**



**N.M.S.SERMATHAI VASAN COLLEGE FOR WOMEN**  
**DEPARTMENT OF PHYSICS & WETLAB CHAMPIONSHIP AT SHAASTRA EVENT,**  
**IIT-MADRAS**  
**WORKSHOP ON SOLAR CELL TECHNOLOGY**  
**REPORT**

N.M.S. Sermathai Vasan College for Women, Madurai- Department of physics Wetlab Championship at Shaastra Event, IIT Madras jointly organized a workshop cum National level Competition as Solar cell Teachnology on 16.10.19 and 17.10.2019. The programme started with the prayer song. The welcome address was given by Mrs.M.Kavitha, Head, Department of Physics. The presidential address was given by Dr.G.Maris Kumar, President of our college. The function was felicitated by Mrs. D.Karthiga Rani,Principal of our College. Our resource person Dr.T.Theivasanthi, Assistant Professor, International Research centre, Kalasakingam University, Krishnankovil delivered a lecture titled “Recent trend in Nanoscience and its application on solar cell technology” enhanced efficiency of solar cells. After that, the written exam conducted for the participants. On evaluation, eleven students were selected for the next level of oral presentation. The selected candidates will appear in round 2 of national level competition of Shaastra event, IIT Madras in the IIT Campus. Six Students are going to participate the national level competition. The Colleges which have been selected for the next level of Shaastra event IIT,Madras are Jeyaraj Anapackiam college, NMS Sermathai Vasan College, Madurai Kamaraj University and NMS Vellichamy Nadar College. The certificates were distributed to the participant by our principal. The vote of thanks was given by Mrs.C.Karthiga, Assistant Professor, Department of Physics. Finally the workshop came to an end with National Anthem.