

### SESSION – III

1.30 P.M. - 2.30 P.M.

Introducing the

Resource person : **Ms. J. Krithiga** M.Sc, M.Phil.,  
Assistant Professor

Resource person : **Dr. Kathiravan Chidambaram**  
Reader, Indian Institute of Astrophysics  
Second block, Koramangala  
Bangalore, Karnataka.

Topic : **INTRODUCTION TO THE SUN"**

### SESSION – III

2.30 P.M. - 3.30 P.M.

Introducing the

Resource person : **Ms. P. Balanagajothi** M.Sc, M.Phil., PG.Dip (Gis)  
Assistant Professor

Resource person : **Dr. C.S. Stalin**  
Indian Institute of Astrophysics  
Second block, Koramangala  
Bangalore, Karnataka.

Topic : **MULTI-WAVELENGTH ASTRONOMY"**

### VALEDICTORY FUNCTION

3.35 pm – 3.45 pm

Certificate Distribution

Feedback : **Participants**

Vote of Thanks : **Mrs. C. Karthika** M.Sc., M.Phil., DCA.,  
Assistant Professor

**NATIONAL ANTHEM**



**NADAR MAHAJANA SANGAM**

**SERMATHAI VASAN COLLEGE FOR WOMEN**

(Accredited with "B" Grade by NAAC)

Avaniyapuram, MADURAI- 625 012.

**NATIONAL LEVEL SEMINAR**

on

**ASTROPHYSICS**

22<sup>nd</sup> February 2019



Organised by

**Department of Physics**

Nadar Mahajana Sangam

**Sermathai Vasan College for Women**

(Accredited with "B" Grade by NAAC)

Avaniyapuram, Madurai- 625 012.

E-mail : nmssvcphysics@gmail.com

*All are Cordially Invited*



**PROGRAMME**

- Date** : 22.02.2019 (Friday)
- Registration** : 9.45 a.m. - 10.15 a.m.
- Inauguration** : 10.15 a.m. - 10.45 a.m.
- Welcome Address** : **Mrs. M. Kavitha** M.Sc., M.Phil., B.Ed.,  
Associate Professor & Head,  
Department of Physics
- Presidential Address**: **Dr. G. Maris Kumar** M.A., M.Phil., M.T.M., Ph.D.,  
President
- Felicitation** : **Dr. E. Ebenezer Chellasamy**  
Resident Scientist,  
Kodaikanal Solar Observatory,  
Kodaikanal, Tamil Nadu
- Inaugural Address** : **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., Ph.D.,  
Principal i/c
- Tea Break** : 10.45 a.m. - 11.00 a.m.

**SESSION – I**

**11.00 A.M. - 12.00 Noon**

Introducing the

**Resource Person** : **Mrs. G. Nithya** M.Sc., M.Phil.,  
Assistant Professor

**Resource Person** : **Dr. E. Ebenezer Chellasamy**  
Resident Scientist,  
Kodaikanal Solar Observatory,  
Kodaikanal, Tamil Nadu.

**Topic** : **“MYSTERIES IN THE UNIVERSE  
KNOWN & UNKNOWN”**

**SESSION – II**

**12.00 A.M. - 1.00 P.M.**

Introducing the

**Resource Person** : **Ms. M. Thivya Barathi** M.Sc., M.Phil.,  
Assistant Professor

**Resource Person** : **Dr. A. Mujiber Rahman**  
Associate Professor,  
Post Graduate Department of Physics,  
Hajee Karutha Rowther Howdia College,  
Uthamapalyam.

**Topic** : **“CAREER OPPORTUNITIES FOR  
PHYSICS IN INDIA & ABROAD”**

**NMS Sermathai Vasan College for Women, Madurai – 625012**  
**Department Of Physics**  
**National Level Seminar on Astrophysics**  
**Date: 22.02.2019**

- ❖ Prayer song
- ❖ Lighting Kuthuvizhakku
- ❖ **Welcome Address** : Mrs.M.Kavitha M.Sc., M.Phil., B.Ed.,  
Associate Professor & Head,  
Department of Physics.
- ❖ **Presidential Address** : **Dr.G.Maris Kumar**  
President
- ❖ **Felicitation** : **Thiru.G.Karikolraj**  
Secretary  
: **Thiru.M.Jeya Kumar B.E.**,  
Correspondent  
: **Thiru.D.Nallathambi B.A.,B.L.**,  
Treasurer  
: **Mrs.D.Karthigarani M.Sc., M.Phil., Ph.D**  
Principal i/c
- ❖ **Inaugural Address** : **Dr.E.Ebenezer Chellasamy**  
Resident Scientist,  
Kodaikanal Solar Observatory,  
Tamil Nadu.
- ❖ **Tea Break** : 10.45 a.m – 11.00 a.m

**SESSION I**

**11.00 A.M-12.00.A.M**

- ❖ **Introducing the Resource person** : **Mrs.G.Nithya M.Sc.,M.Phil**  
Assistant professor
- ❖ **Resource person** : **Dr.E.Ebenezer Chellasamy**  
Resident Scientist,  
Kodaikanal Solar Observatory,  
Tamil Nadu.
- ❖ **Topic** : **“MYSTERIES IN THE UNIVERSE**  
**KNOWN & UNKNOWN”**

**SESSION II**

**12.00 A.M-1.00.P.M**

- ❖ **Introducing the Resource person** : **Ms.M.Thivya Barathi** M.Sc.,M.Phil.,  
Assistant professor
- ❖ **Resource person** : **Dr.A.MujiberRahman**  
Associate Professor  
Post Graduate Department of Physics  
Hajee Karutha Rowther Howdia College  
Uthamapalayam
- ❖ **Topic** : **“CAREER OPPORTUNITIES FOR  
PHYSICS IN INDIA & ABROAD”  
SESSION III**

**1.30P.M-2.30.P.M**

- Introducing the Resource person** : MS.J.KrithigaM.Sc.,M.Phil  
Assistant professor
- ❖ **Resource person** : **Dr.Kathiravan Chidambaram**  
Reader,Indian Institute of Astrophysics  
Second block, Koramangala  
Banglore,.Karnataka.
- ❖ **Topic** : **“INTRODUCTION TO THE SUN”  
SESSION III**

**2.30P.M-3.30.P.M**

- Introducing the Resource person** : MS.P.Balanagajothi M.Sc.,M.Phil  
Assistant professor
- ❖ **Resource person** : **Dr.C.S Stalin**  
Indian Institute of Astrophysics  
Second block, Koramangala  
Banglore,.Karnataka
- ❖ **Topic** : **“MULTI –WAVELENGTH  
ASTRONOMY”**

### VALEDICTORY FUNCTION

**3.35P.M-3.45.P.M**

- ❖ **Certificate Distribution**
- ❖ **Feedback** : **Participants**
- ❖ **Vote of thanks** : **Mrs C.Karthika** M.Sc.,M.Phil.,  
Assistant Professor
- ❖ **National Anthem**



**N.M.S.SERMATHAI VASAN COLLEGE FOR WOMEN, MADURAI**  
**DEPARTMENT OF PHYSICS**  
**NATIONAL LEVEL SEMINAR ON “ASTROPHYSICS”**  
**DATE : 22.02.2019**



**Chief Guest Entering into the Campus**



## PRAYER SONG



**Welcome Address : Mrs.M.Kavitha**  
Associate Professor & Head  
Department of Physics



**Inaugural address : Dr.Kathiravan Chidambaram**  
Reader, Indian Institute of Astrophysics  
Second block, Koramangala  
Bangalore, Karnataka



## Session I

**Chief Guest** : **Dr.A.MujiberRahman**  
Associate Professor  
Post Graduate Department of Physics  
HajeeKaruthaRowtherHowdia College ,  
Uthamapalayam



**TOPIC : “ Career Opportunities for Physics  
in India& Abroad”**

## Session II

**Chief Guest** : **Dr.C.S Stalin**  
Indian Institute of Astro  
Second block, Koramangala  
Banglore,.Karnataka.



**TOPIC : “ Multi-Wavelength Astronomy”**



## Session III

**Chief Guest** : **Dr.Kathiravan Chidambaram**  
Reader, Indian Institute of Astrophysics  
Second block, Koramangala  
Bangalore,.Karnataka



**TOPIC** : :**“Introduction to the Sun”**.



**PRIZE DISTRIBUTION FOR THE QUESTION ARISING BY THE SPONSER WOMEN COMMITTEE MEMBER MRS.SWARNA VEL SHANKAR**





**N.M.S.SERMATAHI VASAN COLLEGE FOR WOMEN, MADURAI**  
**DEPARTMENT OF PHYSICS**  
**NATIONAL SEMINAR ON ASTROPHYSICS**  
**REPORT**

N.M.S. Sermathai Vasan College for women, Department of Physics conducted a national seminar on Astrophysics on Feb 22, 2019. The seminar started with the prayer song. Mrs M.Kavitha Associate professor & Head Department of physics delivered the welcome address. Our beloved principal Mrs D.KarthigaRani felicitated the gatherings and it was followed by the keynote address by Mrs M.Kavitha Associate professor & Head Department of physics. The formal inauguration was given by **Dr.Kathiravan Chidambaram** Reader, Indian Institute of Astrophysics Second block, Koramangala Bangalore.Karnataka. The technical session started at 11:00 A.Ms.Thivyabharathi Assistant professor, Department of Physics introduced the resource person **Dr.A.MujiberRahman** Associate Professor Post Graduate Department of Physics HajeeKaruthaRowtherHowdia College Uthamapalayam to the gathering. He gave a lecture on the topic "Career Opportunities For Physics In India & Abroad" and also discussed the opportunities that are available in all over the world for pursuing a professional career in astronomy and how the prospective students can plan their studies to take up such a career. The next technical session started at 12:00 PM in that session Ms.P.Balanagajothi Assistant professor, Department of Physics introduced the resource person **Dr.C.S Stalin** Indian Institute of Astrophysics Second block, Koramangala Bangalore, Karnataka to the gathering. He gave his talk on the topic "Multi -Wavelength Astronomy". The session focused on the observational issues related to the study of galaxies. Dr. C.Stalin described the imaging and spectroscopic methods in the visible range while gave an account of the observational studies in the radio wavelengths and also described how new opportunities of studies in the ultraviolet and infrared wavelengths were opening up due to space based telescopes.The post lunch technical session started at 2:00 PM .Ms J.Krithiga Assistant professor, Department of Physics introduced the resource person **Dr.Kathiravan Chidambaram** Reader, Indian Institute of Astrophysics Second block, Koramangala Bangalore,.Karnataka to the gathering. After her introduction, he gave his talk on the topic "Introduction to the sun". Dr.Kathiravan discussed about different features of sun. However, since it is so close to Earth, it is the one star that we can mostly easily study. From it he gave very clear picture about the physical processes that determine the structure and evolution of sun and earth in general. The college provided the scientists from IIA with excellent facilities and the students evinced a great interest in the themes covered in the lectures. In the function the certificates were distributed to the participants from other colleges.Feedbacks about the seminar were given by the participants. Finally the vote of thanks was given by MrsC. Karthika Assistant professor of physics. The function came to an end with national anthem.