

REGISTRATION

Registration Fee:

Faculty Rs. 300/- per participant
Research Scholars & PG Students Rs. 150/- per participant

DD should be drawn in favour of Principal, Ch.S.D.St Theresa's (A) College For Women payable at Andhra Bank St. Theresa's Extension Centre, Gavaravaram, Eluru- 534003

IMPORTANT DATES

Last date for receipt of Abstracts & Registration Fee **15th Jan 2015**
Last date of Submission of full text **20th Jan 2015**
Dates of Seminar **3rd & 4th Feb 2015**

Paper presentation is NOT mandatory for participation in Seminar. Participants are requested to send the filled in registration form along with DD and neatly computer typed abstract of the paper to the following address:
Dr.A.Nirmala Jyothsna, Head, Department of physics
Ch.S.D.St. Theresa's Autonomous College for Women
Eluru-534006 W.G.Dt., ANDHRA PRADESH

Contact Nos:

Mobile: 09490171202, 09652164814, 09154647775

e-mail: nsgtec.theresaphy2015@gmail.com

ORGANISING COMMITTEE

CHIEF PATRON

Rev.Sr.Ursula
Correspondent

PATRONS

Rev. Dr.Sr.Mercy. P, Principal
Rev. Sr. Showrilu. K, Vice Principal

CONVENER

Dr.A.Nirmala Jyothsna
HOD, Dept of Physics
Mobile-09490171202

CO-ORDINATOR

Dr. K.Sree Latha
Dept of Physics
Mobile-09652164814

ADVISORY COMMITTEE & TENTATIVE SPEAKERS

- 1. Prof.Rama Krishna Reddy**, Emeritus scientist, Physics Department, SKD University, Ananthapur
- 2. Dr. P.V.N.Rao**, Group Director ACSG/ECSA, NRSC, Hyderabad
- 3. Prof. K.Niranjan**, Dept.of Physics, Andhra University, Vishakapatnam
- 4. Dr.K.Hanumantha Rao**, Group Director, Ocean Sciences Group, NRSC, Dept of Space, ISRO
- 5. Dr.T.Narayana Rao**, Scientist SF, NARL, Gadanki,Tirupathi
- 6. Dr.Prasanna Kumar**, Scientist,ORSAC, Orissa
- 7. Dr.A.Subbunagulu**, Scientist 'SF' NRSC, Dept of Space, ISRO
- 8. Dr.D. Swain**, Assistant Professor, IIT Bhubaneswar
- 9. Dr.I.Annapurna**, Coordinator, Research wing, St. Theresa's College, Eluru

MEMBERS

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- 15. Ms.I.Sudha Rani**



NATIONAL SEMINAR

ON GLOBAL TRENDS IN EARTH'S CLIMATE – FROM RECENT OBSERVATIONS

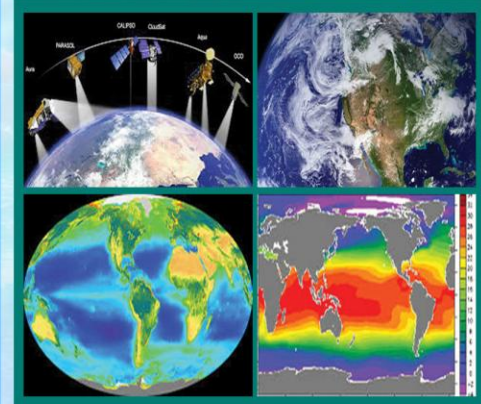
NSGTEC-2015

(Sponsored by UGC)

ORGANISED BY

DEPARTMENT OF PHYSICS

CH.S.D.ST. THERESA'S AUTONOMOUS COLLEGE FOR WOMEN
In Collaboration with Pollution Control Board, Andhra Pradesh
3rd & 4th February 2015



CH.S.D.ST. THERESA'S AUTONOMOUS
COLLEGE FOR WOMEN

(College with Potential for Excellence and Thrice
Accredited by NAAC with 'A' Grade)

ELURU, W.G.Dt-534006 ANDHRA PRADESH

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THEME OF THE SEMINAR

Many of the very basic questions on recent trends in earth's climate remain unanswered including why the El Nino is irregular; Why there are ice ages; and how far in advance can mean precipitation be predicted. These are problems of great practical importance and solving them presents a fascinating scientific challenge to students with a physics and Chemistry background who are interested in applying what they have learned of physical/mathematical principles to the study of the natural world. While climate change is a global phenomenon, the impacts for each area are locally unique. "Saving nature is the only way to save ourselves". Climate change is reshaping human civilization. How we respond will determine our future. Our food system, our economics, our cities and our countries – they are all adopted to the climate we currently live in. But what if the climate changes too fast for us to keep up? The fate of the one and only planet we have ever called home is uncertain. It is every one's interest to come together to address the challenges we face.

Ch.S.D.St.Theresa's(A)College has therefore taken it as an opportunity to conduct a National Seminar on **'GLOBAL TRENDS IN EARTH'S CLIMATE – FROM RECENT OBSERVATIONS'** mainly.

Aims:

- To enlighten the students & the Research scholars about the fundamental phenomena controlling the global atmosphere.
- To educate the participants about the sources of variability that result from interactions among the atmosphere, oceans and the biosphere, which are complex.
- To assess scientific information relevant to human-induced climate change and the impacts of human-induced climate change.
- To bring awareness of role of remote sensing in global climate assessment and monitoring.

Objectives:

- To provide a platform for exchange of ideas regarding various factors influencing Earth's climate..
- To assess vulnerability of socio-economic and natural systems to climate change, consequences, and adaptation options.
- To analyse the options for limiting anthropogenic emissions and otherwise mitigating climate change.
- To open gates for new knowledge of Earth's physical, chemical and biological systems and interactions between the human and natural systems.
- To understand the role of aerosol dynamics on global climatology.
- To estimate the future climate change and associated impacts that vary from region to region around the globe.

ABOUT THE COLLEGE

Ch.S.D.St.Theresa's (A) College affiliated to Adikavi Nannaya University-Rajahmundry, a premier educational institution for women is one of the best autonomous colleges in India. It is located in Eluru, district Head quarters of West Godavari. The town is famous for educational institutions, carpet Industry and Jute mills. The college was founded by sisters of St. Ann in 1953 and offers intermediate, Degree and post graduate courses. It is a pioneer institute which started the first community college (Asakiranam) in Andhra Pradesh, catering to the needs of the rural poor. The institution has excellent infrastructural facilities and well equipped laboratories.

The college has a strength of about 3800 students, 200 teaching and 75 support staff. Autonomous status was granted to all undergraduate courses in the year 1987. The College was assessed by the National Assessment and Accreditation Council (NAAC) in 1998, 2005 & 2012 and was awarded 'A' grade with top score. The University Grants Commission conferred the award of COLLEGE WITH POTENTIAL FOR EXCELLENCE

The inception of the department of Physics took place in the year 1956 and offers the subject at intermediate, undergraduate and Post graduate levels. The department of Physics is well known for its academic and research excellence.

CALL FOR PAPERS

Papers in the following Topics are invited for presentation in the Seminar.

THEMES OF THE SEMINAR

- Understanding atmospheric circulation response to anthropogenic forcing.
- Climate change and sustainability.
- Atmospheric and climate dynamics.
- The aerosol monsoon climate system- A new paradigm.
- Role of remote sensing in global climate assessment and monitoring.
- Stratospheric ozone depletion and its effect on climate.
- The Troposphere and stratosphere exchange processes.
- Middle atmosphere dynamics.
- Process of Land degradation/desertification and its impact on Climate Change
- Radiative Forcing of Climate

Participants from any discipline can send a copy of abstract through e-mail to the following e-mail address:nsgtec.theresaphy2015@gmail.com. Participants intending to present papers in the seminar are requested to send the abstract of the paper. Text 12pt normal, single space with Times New roman font in MS WORD format not exceeding one page (500 words).The accepted abstracts are printed in the Abstract Booklet or copied in a CD. For Poster presentation, the poster should of the size 3ft x 4ft (breadth x height). Best poster presentation award will be awarded. For Presentation of papers , power Point (LCD) facility will be provided.

Last Date to receive abstracts & registration form along with DD-**15th January 2015.**

Travel & Accommodation

Eluru is connected by air (Gannavaram Airport), rail & road and the nearest junction is Vijayawada. Accommodation will be provided to outstation participants on prior request.

NSGTEC-2015

3rd & 4th February 2015

UGC sponsored National Seminar on 'GLOBAL TRENDS IN EARTH'S CLIMATE – FROM RECENT OBSERVATIONS'

NAME:.....

DESIGNATION:.....

Staff/Student/Scholar.....

College/Institution:.....

Address for Communication:.....

.....

E-mail:.....

Telephone:.....

Whether Presenting Paper : Yes/No

Abstract of Paper Enclosed : Yes/No

Title of the paper.....

Registration Fee Enclosed : Yes/No

D.D.No.:.....Dated:.....

Name of the Bank:.....

Whether accommodation needed: : Yes/No

Station :

Date :

Signature of the participant

(Photostat Copies of this form can be used)