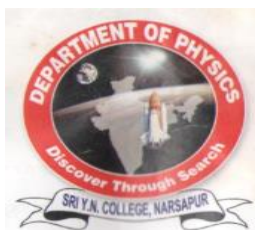





**One Day National Seminar  
On  
“Recent Trends in Climatic Changes  
-- An Alarming Issue”  
21st December, 2019**



Sponsored by  
RUSA- 2.0 Scheme  
(Through Ch.S.D.St. Theresa's College for Women,  
Eluru, West Godavari Dist., A.P.)




**Organized by  
DEPARTMENT OF PHYSICS  
Sri Y.N.College (A), Narsapur  
In Association with IQAC**



## ONE DAY NATIONAL SEMINAR

ON


# "RECENT TRENDS IN CLIMATIC CHANGES - AN ALARMING ISSUE"



**UNDER RUSA - 2.0 SCHEME**  
 (Through Ch. S. D. St. Theresa's College for Women (Autonomous))

**on 21<sup>st</sup> December, 2019.**

*Organized by*



**DEPARTMENT OF PHYSICS & IQAC**  
**SRI Y.N. COLLEGE (AUTONOMOUS)**  
(Affiliated to Adikavi Nannaya University)  
 Thrice Accredited by NAAC at "A" Grade  
 Recognized by UGC as "College with Potential for Excellence"  
 NARSAPUR - 534275, W.G.Dt., A.P.



**OBJECTIVES:**

1. To create awareness and learn about the changes in climate and their causes
2. To discuss and learn about global warming, it's bad impacts and control measures
3. To Learn about acid rains, their causes, bad effects & control measures
4. To Know about Ozone layer depletion in stratosphere, it's causes & bad effects and control measures.

**INVITATION TO:**

Faculty, Academicians, Researchers & Students

**REGISTRATION:**

Faculty - Rs:300/-  
Scholars - Rs: 200/-  
Students - 100/-

Registration is available on the spot.

**CONVENERS:**

**Dr. APV Appa Rao**, M.Sc., M.Phil., Ph.D.,  
HOD of Physics & Controller of Exams.  
Cell Ph. No.: 9441077553.  
**Sri. J.Rama Mohan**, M.Sc., M. Phil.,  
Lecturer in Physics  
Cell Ph. No.: 9247457224

**ORGANIZING SECRETARY:**

**Sri.P.Ramakrishna Rao**, M.Sc., M. Phil.,  
Lecturer in Physics Cell Ph. No.: 9849304924  
**Dr.L.Malleswara Rao**, M.Sc., M.Phil., Ph.D.,  
Lecturer in Physics, Cell Ph. No.: 9985137973.

**TREASURER:**

**Miss.ASS Jyothi**, M.Sc.,  
Lecturer in Physics

**EXECUTIVE MEMBERS:**

**Sri. M Shankar**, M.Sc.,  
**Smt. P Rajeswari**, M.Sc.,  
**Miss.G. Suvarchala Devi**, M.Sc.,  
**Miss. K Nagendra Mani**, B.Sc.,  
**Miss. B. Jhansi Lakshmi**, M.Sc.,

**ADVISORY COMMITTEE:**

**Dr.C.Satyanarayana Rao**, Convener  
Secretary & Correspondent

**MEMBERS:**

**Dr.K Venkateswarlu**, Principal  
**Smt.S.M. Maheswari**, Vice Principal  
**Dr.K Nageswara Rao**, Coordinator, IQAC  
**Sri. R. V. Subba Rao**, Research Advisor,  
Vignana's University, Guntur and Former HOD, TC  
& QCD, IGCAR, Dept of Atomic Energy, Chennai.  
**Dr.M.V.S.S.Giridhar**, Professor, JNTU,Hyderabad  
**Sr.Showrilu K**, Vice Principal & RUSA Coordinator  
**Dr.A.Nirmala Jyothsna**, HOD, Dept of Physics &  
Electronics  
**Dr.K. Sreelatha**, Dept of Physics, Asst. Professor  
REGISTRATION FORM

Name: .....  
Designation: .....  
College/Institution: .....  
Address: .....  
Contact Number: .....  
E mail: .....

Please tick anyone

- a) Participation ☐  
b) Paper presentation ☐

Title of the  
paper:.....  
Station:  
Date : .....

Signature of the Participant



**RUSA-2.0 Scheme**  
(With the Financial assistance from Ch. S. D. St. Theresa's College  
for Women, Eluru, West Godavari Dist. A.P)

**Sponsored**  
**One Day National Seminar**  
**on**

**"RECENT TRENDS IN CLIMATIC  
CHANGES-AN ALARMING ISSUE"**

**21<sup>st</sup> December, 2019**  
**9:00A.M to 4:00P.M**



**ORGANISED BY**  
**DEPARTMENT OF PHYSICS**  
**In Association with IQAC**



**SRI YN COLLEGE (AUTONOMOUS)**  
**Thrice accredited by 'NAAC' with 'A' grade**  
**NARSAPUR-534275**  
**W.G. Dist., (A.P)**

#### **ABOUT THE COLLEGE:**

Narsapur, a small semi – urban coastal town is situated on the banks of the sacred river Vasishtha Godavari in West Godavari District of Andhra Pradesh. Sri Yerramilli Narayana Murthy College, Narsapur was established in the year 1949 with the noble cause of serving people in the field of higher education. It is one of the oldest colleges in West Godavari District and has a prestigious history. It attained the status of a full-fledged Degree College in 1956 and has been elevated to Post Graduate level in the year 1989-90. With the untiring efforts of our present Secretary & Correspondent Dr C. Satyanarayana Rao, our college flourished with overall progress. The College celebrated Diamond Jubilee in 2010.

Our College has been accredited by NAAC Thrice with "A" grade. Our college has been selected for the award of "College with Potential for Excellence" by UGC.

UGC conferred Autonomous Status to our College in 2007. We are offering 13 certificate courses sponsored by UGC.

Since its inception, our college has been developing progressively with excellent and impressive infrastructure such as Administrative Block, Physical Sciences Block, Biological Sciences Block, MBA Block, MCA Block and Separate Library Buildings & Computer Labs for UG and PG; well equipped Science Laboratories, Language Labs and Commerce Lab for the overall development of our students. Gandhian Studies Centre sponsored by UGC, Women Empowerment Cell, Jawahar Knowledge Centre (JKC), HRD Centre, Yoga & Health Centre, Two E-Class Rooms, PG Seminar Hall, Two Solar supported decent women's hostels, a spacious Play Ground, Indoor Stadium, Multi Gym and Auditorium. With the valuable support, guidance and assistance

rendered by Andhra University, Adikavi Nannayya University, UGC, AICTE, Commissioner of Collegiate Education (CCE) and other educational authorities, the college evolved as a premier institute of Higher Education.

The College is offering 5 PG courses- MBA, MCA, M.Sc(Organic Chemistry), M.Sc(Mathematics) & M.A(English), 17 UG courses, 7 Intermediate Courses, B.Ed and D.Ed. The present students' strength of the college is about 3100.

#### **ABOUT THE DEPARTMENT:**

**Introduction:** The department of Physics came into existence in the year 1949 with Sri P V Somayajulu as the founder Head of the department. The department was succeeded by the heads Sri B V S Suryanarayana, Sri Y Sundarasi Rao, Sri S Gurumurthy, Sri T S Prasad, Sri K L N Rao and Dr ARS Kumar. Dr APV APPA RAO took charge as head of the department in 2017. The department offers various courses such as B Sc - MPC (TM & EM), MPE (EM) and MPCs (EM).

#### **Highlights of the Department:**

The Faculty members are highly qualified with 2 doctorates and 2 M.Phils. Faculty members have actively participated in workshops / seminars and presented many number of papers in National and International journals. All the staff members are actively connected with academic extension and extracurricular activities. The department members are nominated in various committees drafted by the Secretary & Correspondent and Principal. Dr A P V Appa Rao serving as controller of examinations, Dr L. Malleswara Rao serving as Public Relation Officer (PRO) and Sri J Rama Mohan serving as Co-ordinator, NSDC, HRD centre of our college. Sri P. Ramakrishna Rao serving as UGC Co-ordinator

#### **Infrastructure:**

The department is located in an area of 187.42 sq.mts. The lab is fully equipped and furnished with apparatus

practicals for all the three years of the course. A good number of old and new reference books are available in the department library. The lab has an internet facility through which our students get the advantage of ICT based learning of various programmes transmitted worldwide.

#### **SCOPE OF THE SEMINAR:**

It is evident that the cyclic order of the seasons of a year is disturbed. They are shifting either forward or backward with no specific manner. Global warming, El-Nino etc., may be some of the reasons. Recent situation in Delhi is one of the examples. Burning of waste products in cultivating land is one of the causes for this hazardous effect. Taking the right steps right now will ensure the existence of a better future. This is the time for proper discussion on this topic and to take necessary action.

#### **CALL FOR PAPERS:**

Papers are invited from students, research scholars and academicians from affiliated colleges or universities for Oral & Poster presentation. The **Abstract & Full paper** should be neatly typed in English in Times New Roman with 12 font size and 1.5 spacing and should be sent to [appanaphani@gmail.com](mailto:appanaphani@gmail.com) or [parimramakrishna@gmail.com](mailto:parimramakrishna@gmail.com) on or before 16-12-2019.

#### **SUB THEMES:**

- Environmental degradation
- Energy and Environment
- Environmental hazards and policies
- Climatic changes over India
- Disaster management
- Impact of Calamities on atmosphere and people
- Green Growth Strategy
- Climate change management
- Environmental Eco systems
- Environmental Pollution

The above is only indicative list. Allied and pertinent area papers may also be accepted.





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NARSAPUR - 534275, W.G.Dt., A.P.

### **INAUGURAL FUNCTION**

We cordially invite you to the inauguration of

### **National Seminar on "RECENT TRENDS IN CLIMATIC CHANGES AN ALARMING ISSUE"**

**RUSA 2.0**

(Sponsored by Ch. S. D. St. Theresa's College for Women, Eluru)

on 21<sup>st</sup> December, 2019 at 9.00 A.M. In the P G Seminar Hall.

#### *KEY NOTE ADDRESS*

#### **Dr. M V S S Giridhar**

Professor Institute of Science and Technology, JNTU, Kukatpally, Hyderabad  
*kindly consented to be the Chief guest and inaugurate the seminar.*

#### *GUEST OF HONOUR*

#### **Dr A Ramakrishna**

Former Head, Technical Services & Reactor Physics Section AERB, Mumbai  
& presently Adjunct Professor, Vignan University

#### **Dr. C. Satyanarayana Rao**

Secretary & Correspondent, Sri Y N College (A)  
*will deliver the welcome address*

#### **Sri G V K Rama Rao**

Vice-President, Sri Y N College (A)  
*will honor the guests.*

#### **Dr K Venkateswarlu**

Principal, Sri Y N College (A)  
*Will preside over the function*

THE MANAGEMENT, PRINCIPAL, STAFF & STUDENTS  
**DEPARTMENT OF PHYSICS & IQAC**



### **VALEDICTORY FUNCTION**

on 21<sup>st</sup> December, 2019 at 3.45 P.M

#### **Sri G. V .K. Rama Rao**

Vice-President, Sri Y N College (A)  
*will preside over the function.*

#### **Sri P. Sri Rama Rao**

Treasurer, Sri Y N College (A)  
*Will honour the guests*

#### *GUESTS OF HONOUR*

#### **Sri Soumen Sinha**

Scientific Officer, Atomic Energy Research Board (Environment Division)  
Bhaba Atomic Research Centre, MUMBAI.

#### **Sri. R.V. Subba Rao**

Research Advisor, Vignan's University and  
Former HOD, TC&QCD, IGCAR, Dept of Atomic Energy, Chennai.

#### *Special Invitees:*

#### **Dr K Venkateswarlu**

Principal, Sri Y N College (A)

#### **Smt. S M Maheswari**

Vice Principal, Sri Y N College (A)

THE MANAGEMENT, PRINCIPAL,  
STAFF & STUDENTS

**DEPARTMENT OF PHYSICS & IQAC**



## **PROGRAMME SCHEDULE**

Programme	Time	Resource Persons/Experts
Registration	8.00 - 9.00 am	
Inaugural & Key note address	9.00 - 10.00 am	University Professor / Expert
Technical Session – I	10.00 - 11.00am	University Professor / Expert
Tea Break 11.00 - 11.15 am		
Technical Session – II	11.15am - 12.30 pm	University Professor / Expert
Lunch 12.30 - 1.30 pm		
Technical Session – III	1.30 - 2.30 pm	University Professor / Expert
Paper Presentations & Discussion - IV	2.30 - 3.30 pm	Participants
Tea Break 3.30 - 3.45 pm		
Valedictory & Certificate Presentation	3.45 - 4.15 pm	University Professor / Experts

## SESSION I: 9AM TO 10AM

### INAUGURATION



Chief Guest, Dr. M V S S Giridhar, Professor, Institute of Science and Technology, JNTU, Kukatpally, Hyderabad & Dr. A Rama Krishna, Former Head, Technical Services and Reactor Physics Section, AERB, Mumbai & presently Adjunct Professor, Vignan's University, lighting the holy lamp.



Dr. Ch. Satyanarayana Rao, Convener, Advisory Committee of the Workshop & Secretary and Correspondent of the college, invited all the dignitaries through his 'Welcome Address'. Dr. A P V Appa Rao, Head of the Department of Physics and Convener of the Seminar explained the need for looking deep into the problem of irregularity of occurring of seasons and theme of the Seminar.



**SESSION II: 10AM TO 11AM**  
**Invited talk by the Chief Guest**



Dr. M. Dr. M.V.S.S. Giridhar delivered his invited talk on the topic 'Water Quality Drip Irrigation and Rain Water Harvesting in the areas where the ground water facility is lacking. He stressed about the climatic changes occurring due to improper usage of water and other resources.



**SESSION III: (11.15AM to 12.30PM)**

**GUEST LECTURE**



The second invited talk (first guest lecture) was presented by Mr. R V Subbarao, Research Advisor, Vignan's University and Former HOD, TC & QCD, IGCAR, Dept of Atomic Energy.



**SESSION IV: (1.30PM to 2.30PM)**

**GUEST LECTURE**



Dr. A Rama Krishna, Research Advisor, Vignan's University and Former HOD, TC & QCD, IGCAR, Dept of Atomic Energy delivering his lecture.





**SESSION V: (2.30PM to 3.30PM)**  
**PARTICIPANTS' PRESENTATIONS**



Mr. S.N.D.PRASAD.ACHANTA, Lecturer in Life & Health Sciences, MVN, JS & RVR College of Arts and Sciences, Malikipuram, E.G.Dt., A.P., presenting his paper and receiving the certificate from the resource persons.





**SESSION VI: 3.30PM – 4PM**  
**VALEDICTORY FUNCTION**



Mrs. S M Maheswari, Vice – Principal, delivering her speech at Valedictory function

## DISTRIBUTION OF CERTIFICATES



Dr. K Ramanarayana, Lecturer in Physics, ASNM Govt. College, Palakol & Dr. Krishna Murthy, HOD of Chemistry, SMT College, Veeravasaram receiving the certificates.







Our department staff members receiving the certificates from the Chief guest Dr. M V V S Giridhar and the Resource person Dr. A Rama Krishna.





Staff members and students of our college receiving the participant certificates from the chief guest.

## GUESTS OF HONOUR



Chief guest Prof. M V S S Giridhar, other resource persons, Dr. A Rama Krishna & Mr. R V Subba Rao & Secretary & Correspondent of our college Dr. Ch Satyanarayana Rao are felicitated by the members of the department.



## FEEDBACK



Mr. S.N.D.PRASAD.ACHANTA, Lecturer in Life & Health Sciences, MVN, JS & RVR College of Arts and Sciences, Malikipuram, E.G.Dt. & Miss T Rohini, IIIMPCs student giving feedback about the programme.



## **CONCLUSION**

The one day national seminar on “Recent trends in Climatic Changes – An Alarming Issue” was conducted by Department of Physics of Sri Y N College, Narsapur on 21<sup>st</sup> December, 2019 successfully with financial support from Ch. S D St. Theresa’s College for women, Eluru under RUSA-2.0 scheme. Three eminent personalities from various fields attended as resource persons and enlightened the delegates, students, staff and all the participants. About 30 delegates registered for the seminar. About ten participants presented their papers in the session allotted for them. The management members and participants expressed gratefulness for performing the seminar in a pleasurable manner. The students of our and other colleges interacted with the resource persons and benefitted and got awareness of the present scenario about the climatic changes which is a serious and alarming issue.