S.V.G.M. GOVERNMENT DEGREE COLLEGE
Affiliated to Sri Krishana Devaraya University, Andhra Pradesh
Accredited by NAAC with "B" Grade
Behind Sai Baba Temple, Kalyandurg, Anantapur - 515761, A.P

Department of Physics

Guest Lecture - 1

Activity Title: "Climate Change & Global Warming"

Key Information:

- **Objectives and Goals**: Teach people about climate change and motivate them to support a sustainable future by understanding its causes, effects, and solutions.
- **Location** : Computer Lab
- **Date** : 20-01-2023
- **Time** : 10.30 am to 1.45am
- **Resource Person** : Dr. K. Ramagopal, Associate Professor of Physics, SKU, Anantapur
- **Faculty Participants** : Dr. P. Suryanagi Reddy, Lecturer in Physics, Dr. D. Chandrasekhar, Lecturer in Physics, Dr. M.V. Seshaiah, Vice-Principal & Sri. G.L.N. Prasad, Lecturer in Zoology
- **Number of Student Participants** : 70

Achieved Outcomes and Objectives: The guest lecture on "Climate Change & Global Warming" successfully educated participants on climate change drivers and consequences, fostering commitment to greenhouse gas reduction and sustainability, and emphasizing the urgency of global challenges.

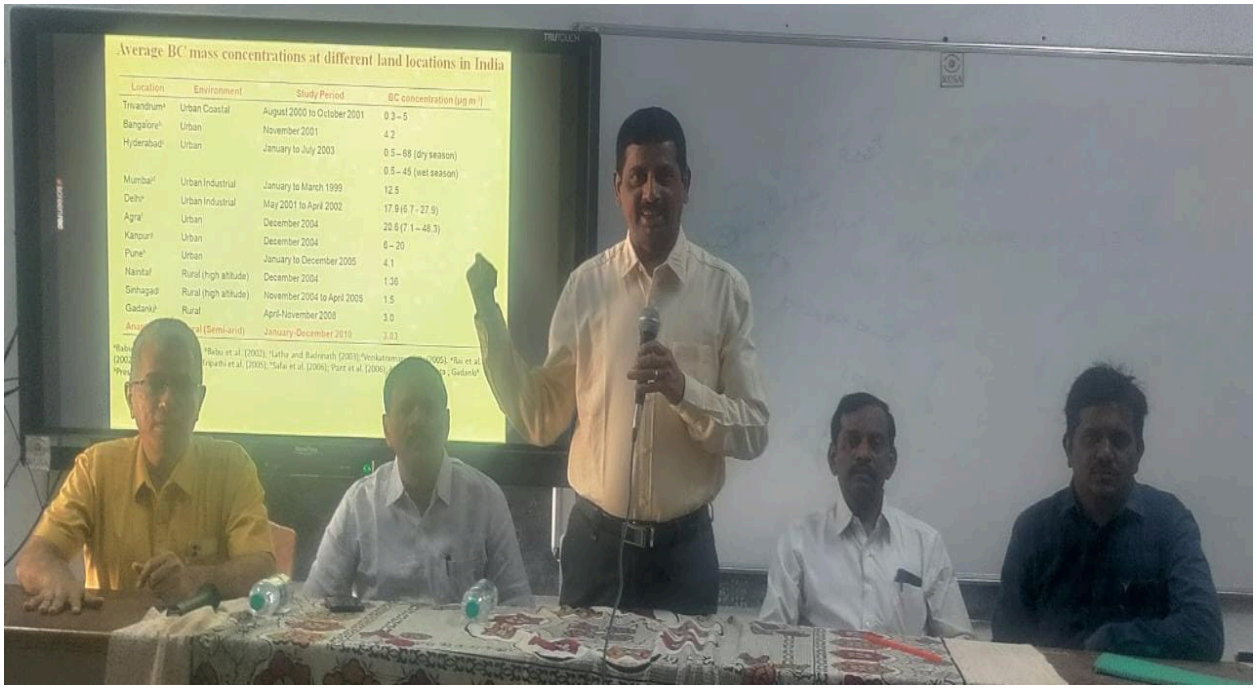
P. Suryanagi Reddy

Signature of the Lecturer


Why is global warming happening?
GPS Map Camera
Kalyandurg, Andhra Pradesh, India
H448+X36, Kalyandurg, Andhra Pradesh 515761, India
Lat 14.557295°
Long 77.114965°
20/01/23 11:21 AM GMT +05:30
Google


Rashtriya Uchchatar Shiksha Abhiyan,
(RUSA, MHRD, GOI)
component -7- Equipment
Digital class - I.
Types of Pollutants




Average BC mass concentrations at different land locations in India
Location
Environment
Study Period
BC concentration (μg m⁻³)
Trivandrum[a]
Urban Coastal
August 2000 to October 2001
0.3 – 5
Bangalore[b]
Urban
November 2001
4.2
Hyderabad[c]
Urban
January to July 2003
0.5 – 68 (dry season)
0.5 – 45 (wet season)
Mumbai[d]
Urban Industrial
January to March 1999
12.5
Delhi[e]
Urban Industrial
May 2001 to April 2002
17.9 (6.7 - 27.9)
Agra[f]
Urban
December 2004
20.6 (7.1 – 48.3)
Kanpur[g]
Urban
December 2004
6 – 20
Pune[h]
Urban
January to December 2005
4.1
Nainital
Rural (high altitude)
December 2004
1.36
Sinhagad
Rural (high altitude)
November 2004 to April 2005
1.5
Gadanki[i]
Rural
April-November 2008
3.0
Ana
al (Semi-arid)
January-December 2010
3.83

S.V.G.M. GOVERNMENT DEGREE COLLEGE
Affiliated to Sri Krishana Devaraya University, Andhra Pradesh
Accredited by NAAC with "B" Grade
Behind Sai Baba Temple, Kalyandurg, Anantapur - 515761, A.P

Attendance Certificate

This is to certify that Professor K.Ramgopal, Department of Physics, S.K.Univeristy, Anantapur has delivered a talk on "Climate Change & Global Warming" at Govt. Degree College, Kalyandurg on 20th January 2023.

20/1/23

Signature of the Principal

PRINCIPAL
SVGM. GOVT. DEGREE COLLEGE
KALYANDURG.