

UGC Sponsored
National Conference on
**EMERGING TRENDS IN GREEN
ENERGY AND ENVIRONMENTAL
SUSTAINABILITY-(ETGE-2020)**

2nd - MARCH- 2020

Organized by
PVKN Govt. College (Autonomous), Chittoor

REGISTRATION FORM

Name (in block letters):
Dr./Mr./Ms./Mrs.....
Designation:
Dept.:
Institution:
Affiliating University:
Institution Address:.....
.....
State.....Pin
Phone:(O).....(M).....
Email.....

Signature of the Applicant

Signature of the
Principal

Contact us:

Visit us: www.pvknccchittoor.info

Reach us: 8333824096

Mail us: botanypvkncca@gmail.com



Co-Conveners

Dr. C. Meera Saheb
Assistant Professor of Botany
Dr. B. Purushotham
Assistant Professor of Zoology
Sri. T. Raghuraman
Assistant Professor of Physics
Dr. T. Hari babu
Assistant Professor of Chemistry

NATIONAL ADVISORY COMMITTEE

Prof. A. R. Reddy, Emeritus Professor,
University of Hyderabad, Hyderabad, Telangana
Prof. T. Vijaya, Dept. of Botany
S.V. University, Tirupati, A.P.
Prof. D. Srinivasulu, Dept. of Chemistry
S.V. University, Tirupati, AP
Prof. K.T. Ramakrishna Reddy, Dept. of Physics
S.V. University, Tirupati, AP
Prof. A. Usha Rani, Dept. of Zoology
S.V. University, Tirupati
Prof. B. Ravi Prasad Rao, Dept. of Botany
S.K. University, Anantapur
Prof. Subramanian. Babu, Dept. of Microbiology
Vellore Institute of Technology, Vellore
Prof. Siva, Dept. of Microbiology
Vellore Institute of Technology, Vellore

ADVISORY ACOMMITTEE

Dr. A. Madhusudhana Rao, Dept. of Botany
Jawahar Bharathi College, Kavali
Dr. K.V. Madhu Sudhan, Asst. Prof. of Botany
Govt. Degree College for Men, Kurnool, A.P
Sri. Sai Venkatesh Korlam, Asst. Prof. of Botany
Govt. Degree College, Puttur, Chittoor(Dt), A.P

ORGANIZING COMMITTEE

Dr. Mohano Behara, Assistant Professor of Botany
Dr. L. Md.Bakshu, Assistant Professor of Botany
Smt. M. Hemalatha, Assistant Professor of Botany
Dr..A. Sasikala, Assistant Professor of Botany
Dr. A. Jaya Sankar, Assistant Professor of Zoology
Dr. K. Ushasri, Assistant Professor of Microbiology
Dr. B. Annapurna sarada, Asso. Prof. of Physics
Dr. Y. Vyshnavi, Assistant Professor of Chemistry
Sri. A. Ramesh, Assistant Professor of Chemistry



One-Day UGC Sponsored
National Conference
on

**EMERGING TRENDS IN GREEN
ENERGY AND ENVIRONMENTAL
SUSTAINABILITY-(ETGE-2020)**

2nd - MARCH- 2020

(Under UGC Annual Autonomous grant)



Director

Dr. G. Ananda Reddy
Principal

Convener

Dr. P. Sujana
Assistant Professor of Botany

Organized by

**Department of Botany, Zoology, Physics and
Chemistry**

PVKN. GOVT. COLLEGE (AUTONOMOUS)

(Accredited by NAAC 'A' Grade)

CHITTOOR, A.P, India

We take immense pleasure in inviting you for UGC Sponsored one day National Conference on **"EMERGING TRENDS IN GREEN ENERGY AND ENVIRONMENTAL SUSTAINABILITY-(ETGE-2020)**. This Multi disciplinary national conference is being organized to understand, exchange and disseminate the ideas relating to the energy and environment with the aim of promoting the sustainability

About the Institution

P.V.K.N. Govt. College was established in 1961 in Chittoor, Andhra Pradesh with Arts and Science groups. The college is located in the midst of 112 acres of land surrounded by the hillocks in the serene atmosphere. In its long journey in pursuit of achieving excellence, the college has been re-accredited by NAAC with A grade (cycle III) in March 2017. Subsequently UGC conferred fresh autonomous status in August 2018. Institution has received "SWATCHHA BHARAT AWARD" This College has been identified as a Nodal college for the Chittoor district. During its 58 years of legacy, PVKN. Govt. College has crossed several milestones. Today this shrine of learning has 26 departments with spacious classrooms, well stocked library, well equipped laboratories, and wi-fi enabled campus.

About Chittoor Town

Chittoor has become a hub for pilgrim activity, because of its proximity to Kanipakam (10 km) the abode of Lord Varasiddi Vinayaka, Ardhagiri (20 km) the abode of Lord Anjaneya, Sripuram (Vellore, Tamil Nadu 30 km) the abode of Amman Golden temple, Walaja (40 km) the abode of Dhanvantari temple and above all Tirumala (70 km) the Lord of Seven hills, Sri Venkateswara swamy.

About the Conference

Environmental sustainability is of major concern now-a-days as we are destroying the natural resources faster than the rate of their regeneration and replenishment. In present scenario, a systemic approach, comprising all research and development

activities that support the expansion of eco-efficient industrial, ecological and social systems fulfilling market and social-cultural constrains, is required to maintain the sustainability. Major emphasis should be made to protect Ecosphere through the implementation of green energy utilization, development of eco-villages & sustainable cities, hazardous waste management, managing environmental toxicants & pollutants, conservation of Biodiversity. In the past three decades research into renewable, non polluting Green energy sources like solar power, wind power, hydro power, Geothermal power, Biomass and Bio fuels exploded and have been introduced in our Technosphere and Valuesphere. The development of eco-villages/ municipalities for better living are made possible through some extent through adopting new techniques in sustainable living, sewage management, optimal management of energy resources, environment improvement, optimal water and agriculture management, improving health and cultural, social and spiritual development. All these processes, which have began with difficulty but finally resulted in the acceleration and implementation of new technologies, is still impaired by major emerging limitations, which will be discussed in the conference. This confluence intends to bring together eminent researchers in the field of Green energy and environmental sustainability to share their views, experience in person, new ideas & research and multi pronged approaches that integrate the advanced materials to maintain the environmental sustainability.

Sub themes

- **New prospective of Renewable and non-renewable energy resources**
- **Green energy and alternative energy resources**
- **Green Chemistry, GHG mitigation & Bio energy**
- **Microbial, Plant and animal based bio fuels, food security and sustainability**
- **Green nanotechnology, Nanomaterials & applications**
- **Conservation of Biodiversity**

- **Common Ecological problems & Eco systems sustainability**
- **Solid, liquid and hazardous waste management**
- **Environmental toxicants, magnification, Bioaccumulation and Remediation**
- **Eco- Villages, Eco- Municipalities and sustainable cities**
- **Environmental Ethics & human values**
- **Future environmental concern: Population, Food supply, Energy & Pollution**

Call for Papers

Abstract of the Research paper is not more than 300 words should be sent to the Convener, National Conference through email botanypvknsgca@gmail.com.

The abstract should be neatly typed in MS Word, 1.5 line space, 12 Size font in Times New Roman. Please note that abstract should be typed in only one paragraph. no figures, no tables and no acknowledgement.

Full paper

The Full paper will be peer-reviewed by experts and all eligible papers will be published in the form of a book with ISBN NO. after completion of conference.

Registration fee :

Category	Abstract	Full length paper
Academicians	Rs. 300/-	Rs. 500/-
Research Scholars	Rs. 200/-	Rs. 500/-
Students	Rs. 100/-	Rs. 300/-
Spot registration	Rs. 500/-	

Payment should be made through electronic fund transfer only

Principal, PVKN Govt. College (A), Chittoor
A/c. No. 2117010021137, IFS Code: UTBI0CTT891
United Bank of India, Chittoor Branch

Address for Communication

Dr. P. Sujana

Conference Convener – ETGE 2020
PVKN Govt. College(A), Chittoor
Mobile : 8333824096

Important Dates

Abstract Submission : 22-02-2020
Full Paper : 26-02-2020