

ORGANIZING COMMITTEE

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President, RVR&JCCE

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Secretary & Correspondent, RVR&JCCE

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Treasurer, RVR&JCCE

Dr. K. Srinivasu
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*Professor, Department of Chemical Engineering
Dean, Examinations
RVR&JC College of Engineering*

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Dr. C.V. Subrahmanyam
Professor & Head, Dept. of Chemical Engg.

Convener:

Dr. K. Ramesh Chandra
Associate Professor, Dept. of Chemical Engg.

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Smt. N. Neelima Asst. Professor, IT
Sri P. Siva Krishna, Asst. Professor, EEE
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Ms. M. Kundana
Mr. Sd. M. Subhani
Mr. K. Anush
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Ms. G. Srivani
Ms. V. Gowri Bhavani
Ms. P. Sushma

PROGRAMME

13.03.2020 (Friday)

08.30 a.m. to 10.00 a.m. Registration
10.00 a.m. to 11.30 a.m. Inauguration followed by
Keynote address
11.30 a.m. to 11.45 a.m. Tea
11.45 a.m. to 01.00 p.m. Paper Presentation
01.00 p.m. to 02.00 p.m. Lunch
02.00 p.m. to 03.30 p.m. Model Competition
03.30 p.m. to 04.30 p.m. Valedictory
& Prize distribution

PRIZES

Attractive cash Prizes and certificates will be distributed to the authors in the contest.

First Prize : Rs. 1,500/- & Memento
Second Prize : Rs. 750/- & Memento

IMPORTANT DATES

✓ Last date for abstract submission : 10th March, 2020
✓ Last date for acceptance : 11th March, 2020

Address for Communication

Dr. K. Ramesh Chandra
Convener, Renewable Energy Club
Department of Chemical Engineering
RVR & JC COLLEGE OF ENGINEERING (A)
Chowdavaram, GUNTUR - 522 019 :: A P.
☎ 919491073317 & 18 Ext.253 (0)
☎: +91-9441536677, Fax: 91-863 2350343
e-mail: recrvrjc@gmail.com
Website: www.rvrjcce.ac.in

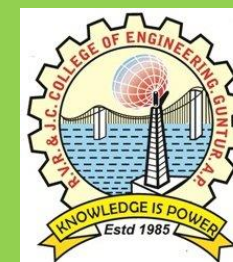
ONE DAY SEMINAR

SRIJANA 2K20

Green Energy for Sustainable
Development

13th March, 2020

Organized by



Renewable Energy Club
RVR & JC COLLEGE OF ENGINEERING
(Autonomous)

Chandramoulipuram :: Chowdavaram
GUNTUR-522 019 :: Andhra Pradesh

ABOUT THE SEMINAR

Contribution of renewable energy to human life is essential for sustainable life on Earth. The renewable energy industry is growing rapidly to fulfill the energy demand of the developing world and has become the focal center of many researchers across the globe. This development should meet the needs of the present without compromising the ability of future generations to meet their own needs. Sustainable development ties together concerns for the carrying capacity of natural systems with the social challenges faced by humanity. This seminar provides a platform to highlight various aspects for applications of renewable energy and sustainability.

Meeting the world's needs for electricity, heating, cooling, and power for transport in a sustainable way is widely considered to be one of the greatest challenges facing humanity in the 21st century. Worldwide, nearly a billion people lack access to electricity, and around 3 billion people rely on smoky fuels such as wood, charcoal or animal dung in order to cook. These and fossil fuels are a major contributor to air pollution, which causes an estimated 7 million deaths per year. Production and consumption of energy emits over 70% of human-caused greenhouse gas emissions.

When referring to methods of producing energy, the term "sustainable energy" is often used interchangeably with the term "renewable energy". In general, renewable energy sources such as solar, wind, and hydroelectric energy are widely considered to be sustainable. However, particular renewable energy projects, such as the clearing of forests for the production of biofuels, can lead to similar or even worse environmental damage when compared to using fossil fuel energy.

Four key elements of sustainability with respect to energy: the ability to increase the supply of energy to meet growing human needs, energy efficiency and conservation, public health and safety, and "protection of the biosphere and prevention of more localized forms of pollution. Various definitions of sustainable energy have been offered since then which are also based on the three pillars of sustainable development, namely environment, economy, and society.

ABOUT THE COLLEGE

The Rayapati Venkata Ranga Rao & Jagarlamudi Chandramouli (RVR & JC) College of Engineering was promoted by the renowned Nagarjuna Education Society (1967) in the year 1985, the College drew its initial impetus from Peoples Representatives, local doctors, charitable trusts and commercial houses of Guntur District. The promoters of the College have pursued their mission with such a zeal and understanding that the College had over taken the older colleges quantitatively and qualitatively. The premier status of the institution is made possible by sticking to our core-principles of student-focus, Human Resource Development and emphasis on total quality. Training the students beyond the defined borders of the curriculum is a basic emphasis, the college dearly practices. The college periodically tested its own standards and standing among the fraternity of colleges, securing Accreditation from National Board of Accreditation, AICTE in 1998, 2002, 2007, 2012 & 2017. Today it is a most sought after institution offering 8 B.Tech. Degree Courses, 6 M.Tech. courses in Engineering, MCA & MBA. The institute was conferred Autonomous status by UGC, New Delhi from the Academic Year 2012-13.

ABOUT THE CLUB

The Renewable Energy Club (REC) had its inception in 2006 with auspicious initiation of Non-Conventional Energy Development Corporation of Andhra Pradesh Ltd., (NEDCAP) Hyderabad. Since its inception Seminars, Quiz, Elocution and Model Making competitions on Renewable Energy are conducted to create interest among students on renewable energy.

THE EVENTS

- Plenary Lectures
- Paper Presentation
- Model Making Competition

CALL FOR PAPERS

The authors are required to send a soft copy of the abstract by E-mail along with registration form on or before 09th March., 2020. The title should not exceed 50 characters & abstract should not exceed 500 words. (A4 size, double line spacing, Times New Roman and Font size 12). The authors' per paper are restricted to two.

ONE DAY SEMINAR

SRIJANA 2K20

Green Energy for Sustainable
Development

13th March, 2020

Organized by

**RENEWABLE ENERGY CLUB
RVR & JC COLLEGE OF ENGINEERING (A)**

REGISTRATION FORM

01. Name of the Institute:

02. Address:

03. Name of the students:

Sl. No.	Name	PPT	MM
1.			
2.			
3.			
4.			

Station:

Date:

PRINCIPAL/DIRECTOR

Seal

Interested participants should send Registration form so as to reach us by on or before 09th **March, 2020**.