PITHAPUR RAJAH'S GOVT COLLEGE (A), KAKINADA

(AN AUTONOMOUS COLLEGE WITH NAAC "B++" GRADE)

DEPARTMENT
OF
PHYSICS & ELECTRONICS

Report of the activity

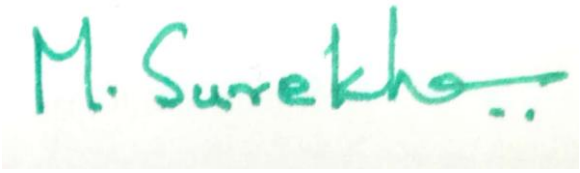
Guest lecture on the eve of observation of

"NATIONAL ENERGY CONSERVATION DAY"

Date:15/12/2025

P.R. GOVERNMENT COLLEGE (A), KAKINADA

DEPARTMENT OF PHYSICS & ELECTRONICS

Date	**15-12-2025**
Conducted through DRC/JKC/ELF/ Dept. etc	Department of Physics & Electronics
Nature of the Activity (Seminar/Workshop/Extension lecture etc.)	Guest lecture
Title of the Activity	**National Energy Conservation Day**
Name of the Department/Committee	Physics & Electronics
Details of Resource person (Name, Designation etc.)	A.Naga Mahendra Srinivas,Project Manager,Solar systems,Kakinada
No. of Students Participated	100
Brief Report of the Activity	On the Eve of National Energy Conservation Day, the department of Physics & Electronics organized a guest lecture to the first & second year PHY&REM students on 15/12/2025. A.Naga Mahendra Srinivas, Project Manager, Solar systems, Kakinada acted as the resource person. He gave suggestions to the students in the areas of renewable energy. Gave awareness to the students regarding various career advancement opportunities. He encouraged them to be research oriented as well.
Name of the lecturers who planned and conducted the activity	Department of Physics & Electronics
Signature of the Lecturer in charge/Convener of the committee	
Signature of the Principal	
Remarks	

Permission letter for conducting Guest lecture

Kakinada,
13-12-2025.

From
Dr. M.Surekha,
Incharge,
Department of Physics & Electronics,
Pithapur Rajah's Government College (A),
Kakinada.

To
The principal,
Pithapur Rajah's Government College (A),
Kakinada.

Respected sir,

Sub: Permission to conduct Guest Lecture on Eve of National Energy Conservation Day request reg.

Sir,

We request your kind permission to conduct Guest Lecture on 15-12-2025 on the Eve of National Energy Conservation Day (14-12-2025). We plan to invite Industrialist A.Naga Mahendra Srinivas, Project Manager- Solar Systems. The session aims to promote awareness on conservation of Energy, address student queries.

We kindly request your approval to organize the program in the college LCD hall-2 and support us in making it a success.

Thanking you sir,

Yours faithfully,

M. Surekha
13/12/25

13/12/25

DEPARTMENT MEETING RESOLUTIONS

Staff meeting 113

10/12/2025

A Staff meeting is Convened in our department on 10-12-2025 at 4:00 pm to discuss the following points. All staff members are requested to attend the meeting without fail.

Agenda:-

1. Observation of National Energy Conservation Day
2. Inauguration of Certificate Course for I year, II year Physics (H) & Rem(H) Students.
3. Syllabus Completion for II mid Examination for first year Students of physics & Rem.
4. Syllabus Completion for I mid Examination for Second year Physics & Rem and for minor physics & Electronics Students.

Resolutions:-

1. It is discussed & resolved to Oganise a guest lecture on 15/12/25 as a part of National Energy Conservation Day.
2. It is discussed & resolved to inaugurate Certificate Course.
   (i) Introduction to Indian Knowledge Systems
      ↳ for I year phy & Rem Stude
   (ii) Indian Knowledge System in Science
      ↳ for II year Phy & Rem Stude
3. It is Discussed & resolved to complete the Syllabus for mid-term Examinations on or before 20/01/2026.

4. As per BOS, it is discussed and resolved to conduct mid-II examination in online mode at the departmental level.

1. [signature] 10/12/25 M. Surekha 10/12/25

2. [signature] 10.12.25

3 A. Pa[signature]

4 Suhm[signature]

5 P. [signature]

6 K. Dup[signature]

7. [signature]

8. N. Bal[signature]

REPORT OF THE ACTIVITY

About National Energy Conservation Day

National Energy Conservation Day is observed in India every year on **December 14th** to promote awareness about the need for efficient energy use and conservation. This observance encourages everyone, especially students and youth, to understand the importance of preserving energy resources for a sustainable future.

National Energy Conservation Day 2025 will be observed on Sunday, **December 14th**, continuing a tradition first established by the Bureau of Energy Efficiency (BEE) under the Ministry of Power, Government of India.

- It reminds the nation about the urgent need to save energy for sustainable development.
- This day also highlights the role citizens can play in reducing energy wastage both at home and in public life.
- The focus in 2025 remains on empowering youth and students to adopt eco-friendly practices and become energy conservation ambassadors in their communities.

History & Cultural Context of National Energy Conservation Day

Understanding when the day began gives us deeper insight into its goals. **National Energy Conservation Day has been observed annually since 1991**, following the initiatives set by the BEE to encourage efficiency and conservation.

- The day was started to support government policies on energy management.
- It aims to recognize and reward best practices in energy conservation across India's industries, schools, and institutions.
- Special awards and events are organized for top performers and innovative ideas in energy savings.

Significance of National Energy Conservation Day for Students

Linking from the historical origins, the significance of this day holds particular importance for students. It encourages learners to adopt mindful habits and become part of the nation's efforts to conserve resources.

- Promotes scientific thinking and real-life application of concepts like energy efficiency.
- Develops a sense of personal responsibility towards environmental stewardship.
- Encourages participation in energy-saving projects, competitions, and school-based activities that spark innovation.

Customs, Rituals & Practices of National Energy Conservation Day

Building on its importance for students, diverse customs and practices are observed nationwide. While there are no traditional rituals, the observance centres around active participation, awareness, and practical energy-saving.

- **Energy Audits & Pledges:** Schools and organizations conduct energy audits to assess usage and encourage students to take "**energy conservation pledges**." This symbolic act sets a commitment to saving energy daily.
- **Awards & Competitions:** The BEE organizes essay writing, poster-making, quiz, and debate competitions for students. Winners are recognized at local, state, and national levels, motivating peers to join in.
- **Workshops & Awareness Drives:** Interactive sessions provide practical advice on energy-efficient appliances and methods for reducing power consumption, fostering a culture of conservation.

Regional Celebrations and Names Across India

Linking from the common practices, we see unique regional participation across the country. While the central themes remain consistent, some states carry out special activities to enhance engagement.

- In Maharashtra and Gujarat, schools create student "**Energy Clubs**" to lead community campaigns.
- In Tamil Nadu and Kerala, colleges host seminars on renewable energy and showcase local solutions for rural electrification.
- Northeast states often include folk theatre and street plays to spread conservation messages, reflecting cultural vibrancy.
- Alternative names are uncommon, but some local initiatives might refer to "**Urja Bachao Diwas**" in vernacular communications.

How to Participate in National Energy Conservation Day: Student Tips

After exploring regional flair, it's useful to know how students can actively join the day's efforts. Here are some simple, effective ways to take part and make a difference.

- Switch off lights, fans, and electronics when not in use—make it a habit at home and school.
- Organize or join a poster-making, quiz, or debate contest focusing on energy conservation ideas.
- Conduct an energy audit at your residence or campus and share findings to encourage better practices.
- Share creative energy-saving slogans or short videos on social media to spread awareness among peers.
- Volunteer in community programs distributing pamphlets or holding awareness rallies.

Eco-friendly Tips, Safety, and Etiquette for National Energy Conservation Day

Tying actions to broader responsibilities, it's essential to observe this day in an eco-friendly and inclusive way. Here are suggestions for responsible celebration and daily practice.

- Avoid single-use decorations or giveaways—opt for electronic presentations or reusable materials during school events.
- Promote safe group activities and ensure information is accessible, respecting different learning needs and backgrounds.
- Balance academic work with environmental initiatives by setting realistic goals and teamwork schedules.
- Encourage recycling and proper waste disposal at all events.
- Lead by example—make energy conservation a daily habit, not just a once-a-year event!

Report of the activity:

As a part of observation of National Energy Conservation Day, the department of Physics & Electronics organized a guest lecture to the first & second year PHY&REM students on 15/12/2025.

A.Naga Mahendra Srinivas, Project Manager, Solar systems, Kakinada acted as the resource person.

He gave suggestions to the students in the areas of renewable energy and gave awareness to the students regarding various career advancement opportunities. He encouraged them to be research oriented as well. A total of 100 students and all faculty members of the department of Physics & Electronics participated in this program.

GALLERY

PITHAPUR RAJAH'S GOVT. COLLEGE
KAKINADA

An Outcome - based NAAC accredited Autonomous College
affiliated to Adikavi Nannaya University

DEPARTMENT OF
PHYSICS & ELECTRONICS

Energy Conservation Day

Chief Guest

A. Naga Mahendra Srinivas.

Project Manager- Solar Systems.

Dr.M. Surekha,HOD, giving opening remarks

Student welcoming the speaker with a sapling

A.Naga Mahendra Srinivas giving his lecture

Faculty and Students attended for the lecture

LIST OF PARTICIPANTS

S.No	Name of the Student	class	Signature
1.	G. udayasri	II nd BSc REM	G. udayasri
2.	B. Nagalakshmi	"	B. nagalu
3	P.L.V. Someswari	II nd B sc physics	P.L.V.S
4.	Y. Anitha	"	Y. Anitha.
5	M. Vijaya durga	"	M. V-Durga
6.	V.V.R Sai Sri Devi	"	V. Sridevi
7.	P. prasanna Satya sri	"	P. Prasanna
8.	K. Lohitha	"	K. lohitha.
9.	P. Viswas	"	P. viswas.
10	M. Tejaswini	1st B.Sc physics	M. Tejaswini.
11.	N. keerthana	1st B.Sc physics	N. keerthana
12	G. Pushpalatha	"	G. Pushpalatha.
13	K. Anitha	"	K. Anitha
14	N. Radhika gayathri	"	N. Rg.
15	J. Nagamani	"	J. Nagamani
16	S. vara lakshmi	"	S. vara lakshmi
17	M. Jyothi	"	M. Jyothi
18	SK. Ameerunnisa	"	SK. Ameerunnisa
19	M. Mounika	2nd year BSc phy	m. mounika
20	M. Naga Mani	2nd B.Sc physics	M. Mani
21.	D. Pardha Saradhi	I st B.Sc R.E.M.	D. Pardha Saradhi
22.	P. Yashwanth	1st B.S.C Physics	P. yashwanth
23.	P. Jagan	1st B.S.C R.E.M.	P. Jagan.
24	K. kumar varma	2nd B.Sc physics	K
25	D. Manikanta	II nd B.Sc physics	D. manikanta
26	U. Raviteja	1st B.S.C Physics	U. Raviteja
27.	I. Kaarthik	II nd BSc Physics	I. kaarthik
28	M. surya Narayana	II nd BSc physics	M. Surya Narayana
29.	Yelichuri Ajesh	"	Y. Ajesh
30	M. Sri Ram	"	M. Ramu
31	A. Veera Satya narayana	"	A.V.S. narayana.
32	P. Akhil veera Gangadhar	"	P. Akhil veera Gangadhar
33	K. Anand Kumar	"	K. Anand

S.No	Name of the student	class	signature
34.	S. Koteswararao	II[2nd] B.S.C physics	S. Koteswarao
35	S. Aditya Vasavi reddy	2nd M	S. Aditya
36.	Ch. Krishna Pooja.	2nd B.S.C Phy.	Ch.
37	B. Veera venkata Durga Prasad	II[nd] B.S.C Phy	B.
38	P. S. R. S. K. Varma	II[nd] "	P. S. R. S. K. Varma
39	J. Suresh	II[nd] "	J. Suresh
40.	J. Uma Veera babu	II[nd]	J. Uma
41.	S. Anil Kumar	II[nd] "	S. Anil
42.	K. S. L. V. Prasanna	II[nd] "	K. Prasanna
43.	M. Karuna Sri	II[nd] B.Sc phy	M. K. Sri
44.	D. Anusha.	II[nd] B.Sc phy	D. Anusha.
45.	D. Krishna uma maheswari	II[nd] B.Sc phy	D. K. U. maheswari
46.	P. Uma Maheswari	II[nd] Bsc physics	P. Mahi
47.	K. Durga Madhuri	"	K. Madhu
48.	A. krishna	"	A. krishna
49.	M. Sandhya kumari	I[st] Bsc physics	M. Sandhya
50.	K. Chitti Jyashna	I[st] Bsc physics	K. chitti jyashna
51.	K. Lakshmi Devi	I[st] REM	K. Lakshmi
52.	S. Lakshmi	I[st] Bsc REM	S. Lakshmi
53.	M. N. S. S. Kumari	I[st] BS REM	M. Kumari
54.	Y. Keerthi	I[st] B.S.C Physics	Y.
55.	P. O. V. V prasad	I[st] B.S.C physics	P. O. V. V. prasad
56.	D. ARYAN ANAND RAVI	Ist B.S.C. Physics	D. ARYAN ANAND RAVI
57.	M. satish	I[st] B.Sc (physics)	M. satish.
58.	K. S. Saikrishna	I[st] B.Sc Physics	K. Saikrishna
59.	P. Vijay	I[st] B.Sc physics	P. Vijay
60.	T. Veerasubrahmanyam	1[st] B.Sc (REM)	T. Veerasubrahmanyam
61	P. K. N. S atyanarayanamurthy	1[st] B.Sc physics	P. K. N. S. murthy
62.	S. Ganesh	I[st] B.Sc physics	S. Ganesh
63.	S. Satish	I[st] B.Sc REM	S. Satish.
64.	U. Prajanna Eswar	I[st] BSc phy	U. P. Eswar
65.	P. Durgaprasad	I[st] BSc phy	P. Durgaprasad
66.	A. Vamsi	I[st] BSc phy	A. Vamsi
67.	Ch. Jagadeesh surya	I[st] BSc phy	Ch. Jagadeesh surya

SNO	Name of the student	class	signature
68.	P. Ananth	I^nd B.S.C Phy	P. Ananth
69.	P. Harsha.	I^st B.S.C R.E.M	P. harsha.
70	~~B. Ram babu~~	I^st B.S.C Physics	B. Ram babu
71.	~~R. Dinakar~~	I^st B.S.C Physics	R. Dinakar
72.	A. Akhileswar	I^st B.S.C Physics	A. Akhileswar
73.	S.R.K. varma	I^st B.S.C physics	
74.	V. venkata puneeth	I^st B.S.C R.E.M	V.V. puneeth.
75.	S.Sri. Shanmuk Sri sai	I^st B.S.C Physcis	S. Sai.
76.	A. Vineeth kumar	I^st B.S.C Physics	A. Vineeth
77.	sai	I^st B.S.C R.E.M	sai
78.	Sk. Akhib charif	I^st B.Sc Physics	Sk. Charif.
79.	I. Sai manohar	I^st B.S.C R.E.M	I. Sai manohar
80.	K. Simhadri	I^st B.S.C R.E.M	K. Simhadri
81.	V. manikanta	I^st B.S.C Physcis	V. manikanta
82.	V. SWAMi	I^st B.S.C Physcis	V. SWAMi.
83	V. venkatesh	I^st B.S.C Physics.	V. venkatesh.
84	D. charan	I^st B.S.C Physics.	D. charan.
85	N. surendra.	I^st B.Sc Physics	surendra.
86.	R. Praveen.	I^st B.S.C physics	R. Praveen.
87.	Y. manikanta	I^st B.Sc Physics	Y. manikanta
88.	T. Dinesh	I^st B.Sc Physics	T. Dinesh
89.	S. Rambabu	II^nd B.S.C REM	
90.	B. Srinivasu	II^nd B.S.C REM	B. Srinivasu
91.	Ch. Durga Prasad	II^nd B.Sc REM	Ch. Durga Prasad
92.	D. Sandeep Kumar	II^nd B.Sc REM	D. Sandeep kumar
93.	L. Vijaylakshman	II^nd B.S.C REM.	L. Vijay
94.	Ch. Kumara Swamy	I^st B.Sc (phy)	Ch. Kumara Swamy
95.	M. Charan Kumar	I^st B.Sc. (phy)	M. Charan Kumar
96.	T.S. Vamani	II^nd B.Sc phy	Mamy
97.	M. Tejaswini	1^st B.Sc phy	M. Tejaswini.
98	N. Keerthana	I^st B.Sc phy	N. Keerthana
99.	N. Radhika gayathri	1^ST B.Sc phy	N. Rg.
100.	A. Bhargavi	1^st B.S.C Phy	A. Bhargavi