



# P.K.M. COLLEGE OF EDUCATION

MADAMPAM, KAITHAPRAM P. O., KANNUR – 670 631

(Govt. Aided Teacher Education Institution affiliated to Kannur University)

Recognized by NCTE included under UGC 2(f) & 12(B) category

Accredited by NAAC with 'A' Grade, (Second cycle -4 point scale), RUSA 2.0 beneficiary

6.2.1: The institutional Strategic plan is effectively deployed

## INSTITUTIONAL STRATEGIC PLAN



# INSTITUTIONAL STRATEGIC PLAN:

## INSTITUTIONAL DEVELOPMENT PLAN: ACADEMICS

## OUR DISTINCTIVENESS

**MEGA CURRICULAR PROJECT**

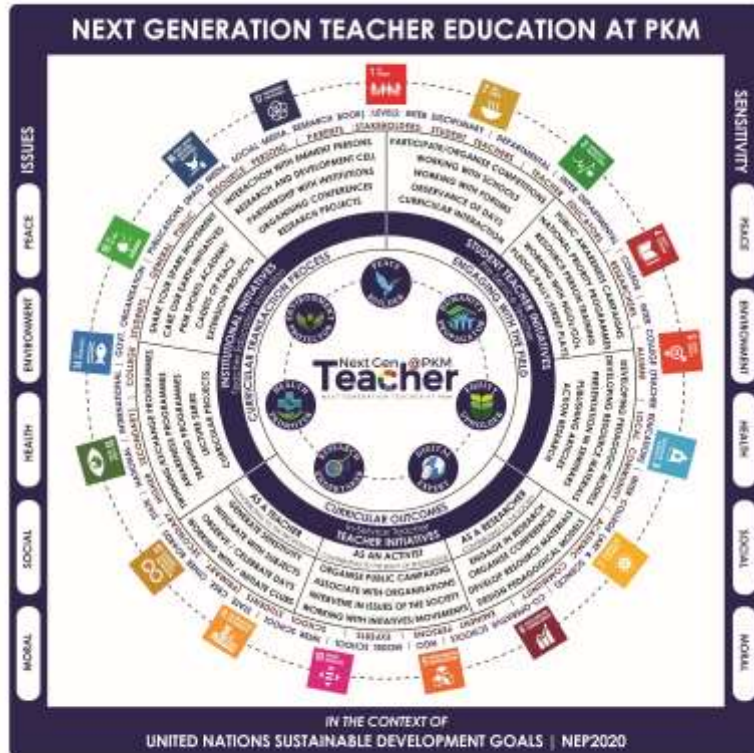
*Project Title:*  
**NEXT GENERATION  
 TEACHER EDUCATION AT PKM**

*Project Logo:*  
  
 Next Gen @PKM  
 TEACHER  
 NEXT GENERATION TEACHER AT PKM

*Project Period:*  
**2020 to 2030**

*Project Context:*  
**UN SDGs;  
 NEP 2020;  
 Silver Jubilee of PKM**

*Project Launched on:*  
**27<sup>th</sup> July 2019**



*Aim of the Project:*  
**WHOLE PERSON DEVELOPMENT  
 OF THE STUDENT TEACHERS**

*Objectives of the Project*  
**BECOMING TEACHERS WHO ARE:**  
 Peace Builders  
 Environment Protectors  
 Equity Upholders  
 Health Promoters  
 Humanity Propagators  
 Digital Experts and  
 Research Undertakers.

*Design of the Project*  
 The project is designed as  
 a cyclic process of two years  
 extending to attain the goals  
 by 2030.

*Project Launched by:*  
**Adv. K.C. JOSEPH MLA, IRIKKUR**

**PROUD TO BE A STUDENT TEACHER OF P.K.M. COLLEGE OF EDUCATION**

## One Activity Effectively Deployed

**Table 1. Energy Conservation Awareness Campaign 2015-2016**

URJAKIRAN 2015-16		
Fund Received: 12,000/-		
<b>PRE-SANCTION WORKSHOP</b>		
<b>POST-SANCTION WORKSHOP</b>		
One Student Coordinator participated on 17-11-2015 at New Nalanda Hall, Calicut		
<b>PROGRAMME 1: @PKM College of Education, Madampam</b>		
<b>Awareness talks</b>	<i>Theme:</i> Energy Efficiency and Conservation	<i>Participants:</i> All the student teachers (49)
<b>Poster Competition</b>		
<b>PROGRAMME 2: Public Meeting and Awareness Class</b>		
<b>@Sathyan Smaraka Vayanashala, Alex Nagar</b>		26-01-2016
<i>No. of Participants</i>		
General Public		80
Student Teachers & Teacher Educators		55
<i>Activities</i>		
<b>Public Meeting</b>	<i>Inaugurated by</i>	Mr. P.P Raghavan (Chairman, Sreekandapuram Municipality)
	<i>In the presence of</i>	Mr. Shinto Luka (Municipal Councillor, Sreekandapuram)
<b>Awareness Class</b>	<i>Theme 1</i>	Energy Efficiency and Conservation
	<i>Resource Person</i>	Mr. V.V Ravi (EMC Resource Person, Kannur)
	<i>Theme 2</i>	Tips for Efficient Use of Energy
	<i>Resource Person</i>	Mr. Padmanabhan A (Sub Engineer, KSEB, Sreekandapuram)
<b>Poster Exhibition</b>	Selected posters prepared by Student Teachers	
<b>Distribution of</b>	<i>Awards/Prizes</i>	<i>Energy Conservation Card</i>
	<i>LED Bulb</i>	<i>Leaflets/Booklets</i>
<b>RESOURCE PERSON TRAINING</b>		
Two Student teachers attended the two-day Resource Person Training Programme organised by EMC, Thiruvananthapuram on 9 <sup>th</sup> and 10 <sup>th</sup> August 2016.		

*State Designated Agency: Energy Management Centre - Kerala Government of Kerala*

*Coordinating Agency: BEE, Ministry of Power, Govt of India*

*Resource Agency: Centre for Environment and Development Govt of India.*

*Participating Agency: P.K.M. College of Education, Madampam*



*[Signature]*  
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KAITHAPRAM P.O, MADAMPAM  
SREEKANDAPURAM, KANNUR DT.,-670631

**Table 2. Energy Conservation Awareness Campaign 2016-2017**

<b>URJAKIRAN 2016-17</b>		
Fund Received: 15,000/-		
<b>PRE-SANCTION WORKSHOP</b>		
Two Student Coordinators participated at Science Park, Kannur		
<b>POST-SANCTION WORKSHOP</b>		
Two Student Coordinators participated at Science Park, Kannur		
<b>PROGRAMME 1: @PKM College of Education, Madampam</b>		
Awareness talks	Theme: Energy Efficiency and Conservation	Exhibited at college and Town Parish Hall, Payyavur
Poster Exhibition		
<b>PROGRAMME 2: Energy Conservation Rally and Public Meeting</b>		
<b>@BCM Club, Madampam</b>		14-12-2016
<i>No. of Participants</i>		
General Public		25
Student Teachers & Teacher Educators		60
<i>Activities</i>		
<b>Energy Conservation Rally</b>	<i>Flagged off by</i>	Mr. Shinto Luka (Municipal Councillor, Sreekandapuram)
<b>Public Meeting</b>	<i>In the presence of</i>	Mr Benny, HM i/c, Mary Land High School, Madampam Mr. C M Baby, Secretary, B.C.M. Club, Madampam
<b>Awareness Talk</b>	<i>Resource Person</i>	Mr. Wilson Francis, (Alumni, PKM) EMC Resource Person, Kannur
<b>Distribution of</b>	<i>Best Energy Conserver Award</i>	Awarded to selected five best conservers (Participants of Urjakiran 2015-16)
<b>PROGRAMME 3: Public Meeting and Awareness Class</b>		
<b>@Town Parish hall, Payyavoor</b>		11-02-2017
<i>No. of Participants</i>		
General Public		110
Student Teachers & Teacher Educators		74
<b>Public Meeting</b>	<i>Inauguration</i>	Smt. Daisy Chittuparambil (President, Payyavur Panchayath)
	<i>Project Description</i>	Ms. Aleena K Raju (EMC Resource Person, (Alumni PKM))
<b>Awareness Class</b>	<i>Theme</i>	Energy Efficiency and Conservation
	<i>Resource Person</i>	Mr Padmanabhan.A Sub Engineer KSEB, Sreekandapuram
<b>Distribution of</b>	LED Bulbs, Energy Conservation Handbook Awards for Best Energy Conservers	
<b>RESOURCE PERSON TRAINING</b>		
Two Student Teachers attended the two-day Resource Person Training Program organised by EMC, Thiruvananthapuram on 3 <sup>rd</sup> and 4 <sup>th</sup> January 2017.		



*[Handwritten Signature]*

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**Table 3. Energy Conservation Awareness Campaign 2017-2018**

<b>URJAKIRAN 2017-18</b>		
Fund Received: 26,500/-		
<b>PRE-SANCTION WORKSHOP</b>		
Two Student Coordinators participated at Science Park, Kannur		
<b>POST-SANCTION WORKSHOP</b>		
<b>PROGRAMME 1: @PKM College of Education, Madampam</b>		
Awareness talks, Poster Exhibition, e-collage competition		Theme: Energy Efficiency and Conservation
<b>PROGRAMME 2: Energy Conservation Rally</b>		
@ Thumbeni Town, Madampam		08-12-2017
No. of Participants	General Public	25
	Student Teachers & Teacher Educators	60
<i>Activities</i>		
Energy Conservation Rally with Placards	Flagged off by	Sri. Binoy Parambettu (Municipal Councillor, Sreekandapuram)
Distribution of	Poster cards	
Recitation of	Slogans	
<b>PROGRAMME 3: Public Meeting and Awareness Class</b>		
@ St. Thomas A.L.P School, Kottoorvayal		26-01-2018
No. of Participants	General Public	125
	Student Teachers & Teacher Educators	55
Flash mob	By Student Teachers on the theme Energy Conservation	
Public Meeting	Inauguration	Mr. P.P Raghavan (Chairman, Sreekandapuram Municipality)
	In the presence of	Smt. Josephine Varghese (Municipal Councillor, Sreekandapuram)
	Project Description	Dr. Prasanth Mathew (Project Co-ordinator, Urja Kiran, PKM) Sri. Wilson Francis EMC Resource Person (Alumni, PKM)
Awareness Class	Theme	Energy Efficiency and Conservation
	Resource Person	Mr Padmanabhan A Sub Engineer KSEB, Sreekandapuram
Exhibition	Poster and e-collage prepared by student teachers and school students	
Distribution of	LED Bulbs, Energy Conservation Handbook, Awards for Best Energy Conservers, Energy Conserver Card	
<b>PROGRAMME 4: Renewable Energy Promotion Workshop of ANERT</b>		
@Madampam Sunday School Hall in Association with Malabar Social Service Society		16-02-2018
No. of Participants	SHG/ Kudumbasree members	55
	Student Teachers & Teacher Educators	50
Inauguration	Mr. C J Jose, Retd. Teacher	
Project description	Ms. Ashlin Raj, EMC Resource Person (Alumni, PKM)	
Awareness class	Mr. Mineesh V K, Engineer, ANERT, Kannur	Non-Conventional Energy Resources and Conservation
Distribution of	Best Energy Conserver Award of 2016-17 in Payyavoor Panchayath	



*[Signature]*

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**Table 4. Energy Conservation Awareness Campaign 2018-2019**

URJAKIRAN 2018-19		
Fund Received: 10,000/-		
PRE-SANCTION WORKSHOP		
POST-SANCTION WORKSHOP		
Two Student Coordinators participated at Nalanda Auditorium, Calicut		
<b>PROGRAMME 1:</b>		<b>10-01-2019</b>
<b>Awareness talks</b>		<i>Theme: Energy Efficiency and Conservation</i>
<b>Competitions</b>	Poster, e-collage, cartoon, slogan and troll	
<b>Exhibition</b>	Poster	
<b>PROGRAMME 2: Public Meeting and Awareness Class</b>		
<b>@ St. George H.S Chempanthotty</b>		<b>14-01-2019</b>
<i>No. of Participants</i>	General Public	91
	School Students	302
	Student Teachers & Teacher Educators	97
<b>Public Meeting</b>	<i>Inauguration</i>	Sri. K.C Joseph MLA (Former Minister for Rural Development, Planning and Culture)
	<i>In the presence of</i>	Sri. P P Raghavan Chairman, Sreekandapuram Municipality
<b>Awareness Class</b>	<i>Theme</i>	Energy Efficiency and Conservation
	<i>Resource Person</i>	Mr Padmanabhan.A Sub Engineer KSEB, Sreekandapuram
<b>Distribution of</b>	LED Bulbs, Energy Conservation Handbook Awards for Best Energy Conservers	



*[Handwritten Signature]*

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**Table 5. Energy Conservation Awareness Campaign 2019-2020**

<b>URJAKIRAN 2019-20</b>		
Fund Received: 15,000/-		
<b>PRE-SANCTION WORKSHOP</b>		
Two Student Coordinators participated at Science Park, Kannur		
<b>PROGRAMME 1: Signature Campaign</b>		
<b>@ Bus Stand, Sreekandapuram</b>		<b>13-12-2019</b>
<i>No. of Participants</i>	General Public	250
	Student Teachers & Teacher Educators	
<i>Activities</i>		
<b>Signature Campaign</b>	<i>Inaugurated by</i>	Mr. P.P Raghavan (Municipal Chairman, Sreekandapuram)
	<i>In the Presence of</i>	Mr. Reghu, Sub Inspector of Police
<b>Distribution of</b>	Newspaper supplement named "Uyiranu Urjam"	
<b>Flash Mob &amp; Street Play</b>	By Student Teachers	
<b>Audio commentary</b>	Published by Student teachers	
<b>PROGRAMME 2: Palm Imprint Campaign at PKM College of Education</b>		
<b>PROGRAMME 3: Awareness Campaign at Government Office-1</b>		
<b>@ Govt.Thaluk Hospital, Iritty</b>		<b>18-02-2020</b>
<i>No. of Participants</i>	<i>Hospital Staff</i>	
	60	
<b>Public Meeting</b>	<i>Inauguration</i>	Dr.Raveendran (Medical Superintendent)
<b>Awareness Class</b>	<i>Resource Person</i>	Mr.Biju Antony (EMC State Level Resource Person)
<b>Video Presentation</b>	Resource Material Supplied by EMC	
<b>Survey</b>	On Energy Consumption of the Hospital	
<b>Distribution of</b>	Energy Conservation Handbook	
<b>PROGRAMME 4: Awareness Campaign at Government Office-2</b>		
<b>@ Govt.Thaluk Hospital, Irikkur</b>		<b>19-02-2020</b>
<i>No. of Participants</i>	<i>Hospital Staff</i>	
	40	
<b>Public Meeting</b>	<i>Inauguration</i>	Dr Ramitha P.P (Medical officer)
<b>Awareness Class</b>	<i>Resource Person</i>	Ms. Ashlin Raj EMC Resource Person, (Alumni P.K.M)
<b>Video Presentation</b>	Resource Material Supplied by EMC	
<b>Survey</b>	On Energy Consumption of the Hospital	
<b>Distribution of</b>	Energy Conservation Handbook	
<b>PROGRAMME 5: Awareness Campaign at Government Office-3</b>		
<b>@ Govt.Thaluk Hospital, Thaliparamba</b>		<b>20-02-2020</b>
<i>No. of Participants</i>	<i>Hospital Staff</i>	
	60	
<b>Public Meeting</b>	<i>Inauguration</i>	Dr. A Sushil (Medical Superintendent)
<b>Awareness Class</b>	<i>Resource Person</i>	Ashlin Raj EMC Resource person, (Alumni P.K.M)
<b>Video Presentation</b>	Resource Material Supplied by EMC	
<b>Survey</b>	On Energy Consumption of the Hospital	
<b>Distribution of</b>	Energy Conservation Handbook	
<b>Publishing of</b>	Poster Magazine on Energy Conservation	
<b>RESOURCE PERSON TRAINING</b>		
One Student Teacher attended the One-day Resource Person Training organised by EMC, on 4 <sup>th</sup> December 2021.		




*[Signature]*  
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**SREEKANDAPURAM, KANNUR DISTRICT**

**Table 6. Energy Conservation Awareness Campaign 2021-2022**

<b>URJAKIRAN 2021-22</b>		
Fund Received: 8,000/-		10140/-
<b>PRE-SANCTION WORKSHOP</b>		
Three student Coordinators participated in the online workshop		
<b>POST-SANCTION WORKSHOP</b>		
One Student Coordinator participated in the workshop		
<b>PROGRAMME 1: @PKM College of Education, Madampam</b>		
Awareness talks		Theme: Energy Efficiency and Conservation
Competitions	Poster, e-collage, and troll	
Exhibition	Poster	
<b>PROGRAMME 2: Observance of Energy Conservation Day</b>		
	Street Play	
	Training in LED bulb manufacturing	
<b>PROGRAMME 3: Public Meeting and Awareness Class</b>		
<b>Signature Campaign</b>		
<b>Energy Conservation Rally</b>		
<b>@ Sathyan Smaraka Vayanasala, Alex Nagar</b>		<b>4-12-2021</b>
<i>No. of Participants</i>	General Public	45
	Student Teachers & Teacher Educators	46
<b>Public Meeting and Signature Campaign</b>	<i>Inauguration</i>	Sri. Adv.Sajeev Joseph MLA (Irikkur Legislative Assembly)
	<i>In the presence of</i>	Ms. Municipal Councillor, Sreekanapuram.
<b>Awareness Class</b>	<i>Theme 1</i>	Energy Efficiency and Conservation
	<i>Resource Person</i>	Ashlin Raj EMC Resource Person, (Alumni P.K.M)
	<i>Theme 2</i>	Go Electric
	<i>Resource Person</i>	Mr. Abin Jose EMC Resource Person (Alumni PKM)
<b>Energy Conservation Rally &amp; Oath Taking</b>	<i>Flagged off by</i>	Sri. Adv.Sajeev Joseph MLA (Irikkur Legislative Assembly)
<b>Distribution of</b>	LED Bulbs, Energy Conservation Handbook Awards for Best Energy Conservers	
<b>RESOURCE PERSON TRAINING</b>		
Nine Student Teachers of 2021-2023 batch of PKM College of Education were participated in the Resource Person Training programme held at Energy Management Centre, Thiruvananthapuram on 28 <sup>th</sup> and 29 <sup>th</sup> April 2022.		
Three Student Teachers of 2020-2022 batch of PKM College of Education were participated in the Resource Person Training programme held at Energy Management Centre, Thiruvananthapuram on 22 <sup>th</sup> and 23 <sup>th</sup> June 2022.		
<b>EXTERNAL OBSERVER</b>		
Mr. Anand Ravi ( Student teacher:2021-23 batch) and Mr Abin Jose(Alumni,PKM) of PKM College of Education were deputed as the external observers in Urja Kiran programme held at Kelakam, Kisan Service Society, on December 13, 2021 and Mattannur on December 14,2021		

URJAKIRAN in the context of UN SDG7: Affordable and Clean Energy



  
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**SREEKANDAPURAM, KANNUR DT., -670631**

**Table 7. Energy Conservation Awareness Campaign 2022-23**

URJAKIRAN 2022-23			
Fund Received : 14000/- + 500/-			
<b>POST –SANCTION WORKSHOP</b>			
One student coordinator participated at Mahatma Mandhiram, Kannur			
<b>PROGRAMME 1 : Energy Conservation Rally and Signature Campaign</b>			
<b>@BCM Club, Madampam</b>			<b>12-12-2022</b>
<i>No of Participants</i>	General Public		52
	Teacher Educators	5	Student Teachers
			45
<b>Energy conservation Rally with placards</b>	<i>Flagged off by</i>	Sri. Dominic P.L (President, BCM Club, Madampam)	
<b>Public Meeting and Signature Campaign</b>	<i>Inauguration</i>	Smt. Meena Saji (Municipal Councillor, Sreekanthapuram)	
	<i>In the presence of</i>	Dr Sr. Jessy N.C (Principal, P.K.M College of Education) Dr. Prasanth Mathew (Project Co-ordinator, Urja Kiran, P.K.M.) Sri. Binoy K (Headmaster, Maryland H.S., Madampam)	
	<i>Project Description</i>	Mr. Anand Ravi, E.M.C Resource person B.Ed. Physical Science, 2021-23 batch	
<b>PROGRAMME 2 : Energy Conservation Awareness Seminar and Public meeting</b>			
<b>@ St. Alphonsa Church. Parish Hall , Mundanoor</b>			<b>08/01/2023</b>
<i>No of Participants</i>	General Public		53
	Teacher Educators	2	Student teachers
			34
<b>Public Meeting</b>	<i>Inauguration</i>	Sri. Adv. Sajeew Joseph M.L.A (Irikkur Legislative Assembly)	
	<i>In the presence of</i>	Dr Sr. Jessy N.C (Principal, P.K.M College of Education) Dr. Prasanth Mathew (Project Co ordinator Urja Kiran) Sri. Biju Arakkal (Headmaster, St. Alphonsa Sunday School)	
<b>Awareness Class</b>	<i>Theme 1</i>	Go Electric	
	<i>Resource Person</i>	Mr. Anand Ravi EMC Resource Person (B.Ed. Physical Science, 2021-23 batch)	
	<i>Theme 2</i>	Energy Conservation: Need and Significance	
	<i>Resource Person</i>	Ms. Ann Kurian EMC Resource Person (B.Ed. Physical Science, 2021-23 batch)	
	<i>Theme 3</i>	Energy Conservation in Households	
	<i>Resource Person</i>	Ms. Arya K.I. EMC Resource Person (B.Ed. Physical Science, 2021-23 batch)	
<b>Distribution of</b>	L.E.D Bulbs and Energy Conservation Handbooks		
<b>STUDENT TEACHER AS EXTERNAL RESOURCE PERSON</b>			
Ms Elsitta Jose, EMC Resource Person(B.Ed. Physical Science, 2021-23 batch) acted as Resource Person for taking an awareness class for the General Public and the school students in the theme “Energy Efficiency and Conservation” at Sacred Heart High School Payyavoor on 8 <sup>th</sup> February 2023 organised by Manusha School of Social Research and Human Resource Development, Calicut.			



*[Signature]*  
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## Report of Urjakiran

### **P.K.M College of Education, Madampam, URJAKIRAN 2021-22**

P.K.M College of Education, Madampam, Energy Management Centre, Kerala and Sathyan Smaraka Vayanashala jointly conducted Urja Kiran Energy Conservation program 2021-22 on 4th December 2021 Saturday at Alex Nagar Sathyan Smaraka Vayanashala hall. Program started at 2 pm with Energy Awareness class on topic 'Energy Efficiency and Conservation. Class taken by Ashlin Raj (EMC Resource Person) and Abin Jose (EMC Resource Person), through PPT presentation and videos. After the class 10 minutes utilized for doubt clearing. Official inauguration program started at 3 pm. Sathya Smaraka Vayanashala vice President, Sunil Kumar welcomed the gathering. Welcomed the dignitaries by presenting them with LED bulbs. PKM College Principal Dr. Jessy N C presided over the function. Irikkur constituency MLA Adv. Sajeew Joseph officially inaugurated the program. Sreekanthapada Municipality Education and Standing Committee chairperson Thressiamma Mathew addressed program. P.K.M College student council chairman Sayooj V V delivered vote of thanks. Lucky winners from participants gifted with LED bulbs. Then MLA Adv. Sajeew Joseph inaugurated signature campaign. Under the leadership of student coordinator Arya KI pledge was taken. Then MLA flags off energy conservation rally. After that students of P.K.M College presented flash mob. Posters and trolleys made by students of P.K.M College also displayed at the event. 45 general public, 5 teachers, 41 students participated in the program.



  
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SREEKANTHAPADA, KANNUR DT., 670631



## P.K.M. COLLEGE OF EDUCATION

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(Govt. Aided Teacher Education Institution affiliated to Kannur University)

Recognized by NCTE and included under UGC 2(f) & 12B category

Accredited by NAAC with 'A' Grade, (Second cycle -4 point scale), RUSA 2.0 beneficiary

E-mail: [pkmcedn@yahoo.co.in](mailto:pkmcedn@yahoo.co.in) Website: - [www.pkmcollege.org](http://www.pkmcollege.org)

Tel: 0460 2230929, Fax: 04602 232449

Circular No:35/PKM/2021-22

Date: 01/12/2021

Sub: Urjakiran 2021-22

### CIRCULAR

We are excited to invite you to a Field Trip being held at Alex Nagar as a part of Urjakiran, we cordinally invite all students and staff to join us , as this programme would educate us more about the importance of conservation of energy.

Date: 04-12-2021

Time: 11.00 A.M

Platform: Alex nagar

Best regards,



-Principal



Copy to

All TS, NTS and Students

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P.K.M. COLLEGE OF EDUCATION  
KAITHAPRAM, P. O., MADAMPAM  
SREEKANDAPURAM, KANNUR DT.,-670631

## URJAKIRAN 2021-22 ALEX NAGAR

### PARTICIPATION LIST

2020- 2022 BATCH

04/12/2021

SL. NO.	NAME	OPTIONAL SUBJECT	ATTENDANCE
1	ALEX BABY	ENGLISH	✓
2	ARUN SHAJI	ENGLISH	✓
3	ALBY ANN STEPHEN	ENGLISH	✓
4	DIVYASHREE ARAVIND	ENGLISH	✓
5	KRISHNA PRIYA K.	ENGLISH	✓
6	LITTY SUNDER	ENGLISH	✓
7	RAJINA M. P.	ENGLISH	✓
8	SANDRA MARYA SHAJI	ENGLISH	✓
9	ADITHYA V	MALAYALAM	✓
10	ANJALI R	MALAYALAM	✓
11	ANUSREE K.C.	MALAYALAM	✓
12	APARNA U.	MALAYALAM	✓
13	ARCHANA K.C.	MALAYALAM	✓
14	ATHULYA C.	MALAYALAM	✓
15	NIVYA JOSEPH	MALAYALAM	✓
16	SOORYA BABU	MALAYALAM	✓
17	TOBY S ABRAHAM	MATHEMATICS	✓
18	ANUSREE M.	MATHEMATICS	✓
19	ARCHANA MADHUSOODANAN	MATHEMATICS	✓
20	ASWATHI	MATHEMATICS	✓



  
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SREEKANAPURAM, KANNUR DT., 67063

21	JESMI GEORGE	MATHEMATICS	✓
22	JISNA BABY	MATHEMATICS	✓
23	MANEESHA BABU	MATHEMATICS	✓
24	SANDHRA BIJU	MATHEMATICS	✓
25	ANULAKSHMI P.	NATURAL SCIENCE	✓
26	ATHIRA ANAND A.	NATURAL SCIENCE	✓
27	JEENA SAJITH M.	NATURAL SCIENCE	✓
28	KAVYA V.	NATURAL SCIENCE	✓
29	LUMITHA BAI B.	NATURAL SCIENCE	✓
30	M. ANU MARIYA	NATURAL SCIENCE	✓
31	MARIA BABY	NATURAL SCIENCE	✓
32	MARIZA MARKOSE	NATURAL SCIENCE	✓
33	SAYOOJ V V	PHYSICAL SCIENCE	✓
34	ANAGHA K K	PHYSICAL SCIENCE	✓
35	ANUSREE K	PHYSICAL SCIENCE	✓
36	ASHLY THOMAS	PHYSICAL SCIENCE	✓
37	ASWATHI N V	PHYSICAL SCIENCE	✓
38	AYANA K	PHYSICAL SCIENCE	✓
39	DELNA T S	PHYSICAL SCIENCE	✓
40	SARANYA L	PHYSICAL SCIENCE	✓
41	SHYONA STEPHEN	PHYSICAL SCIENCE	✓
42	HAIBIN MATHEW	SOCIAL SCIENCE	✓
43	VISHNUPRATHAP M.	SOCIAL SCIENCE	✓
44	ANASWARA K	SOCIAL SCIENCE	✓
45	ANU PHILIP	SOCIAL SCIENCE	✓



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46	ASHA N	SOCIAL SCIENCE	✓
47	ATHIRA SHAJI	SOCIAL SCIENCE	✓
48	JUVAIRIYA M N	SOCIAL SCIENCE	✓
49	MUKTHA SASINDRAN	SOCIAL SCIENCE	✓
50	SREYA REMESHBABU	SOCIAL SCIENCE	✓



  
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## URJAKIRAN 2021-22 ALEX NAGAR

### PARTICIPATION LIST

2021- 2023 BATCH

04/12/2021

SL. NO.	NAME	OPTIONAL SUBJECT	ATTENDANCE
1	AMITHA GEORGE	ENGLISH	✓
2	ANUSREE K.	ENGLISH	✓
3	ASWATHI V.	ENGLISH	✓
4	DARIYA BABY	ENGLISH	✓
5	JINISHA JOHN	ENGLISH	✓
6	KARISHMA SURESH	ENGLISH	✓
7	RESHMA G.R.	ENGLISH	✓
8	ROSHA B ROY	MALAYALAM	✓
9	ALEX JOSE	MALAYALAM	✓
10	JISHNU T P	MALAYALAM	✓
11	ALEN MARIA BINNY	MALAYALAM	✓
12	ANAGHA CHANDRAN M.	MALAYALAM	✓
13	ANAGHA N P	MALAYALAM	✓
14	JAHNA T V	MALAYALAM	✓
15	SRUTHI P V	MALAYALAM	✓
16	VISMAYA E M	MALAYALAM	✓
17	AKHILA JAMES	MATHEMATICS	✓
18	HARITHA P.V.	MATHEMATICS	✓
19	JISNA AUGUSTINE	MATHEMATICS	✓
20	JOYAMOL T. BABY	MATHEMATICS	✓



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21	JWALA MARIYA CYRIAC	MATHEMATICS	✓
22	MANJUSHA N.	MATHEMATICS	✓
23	SANJIYA BENNY	MATHEMATICS	✓
24	SNEHA V.	MATHEMATICS	✓
25	EMIL THANKACHAN	NATURAL SCIENCE	✓
26	AISWARYA MANOJ	NATURAL SCIENCE	✓
27	AKSHAYA AV	NATURAL SCIENCE	✓
28	ANJANA T	NATURAL SCIENCE	✓
29	ATHIRA T C	NATURAL SCIENCE	✓
30	HARSHA SANTHOSH	NATURAL SCIENCE	✓
31	INDUKUMARI U K	NATURAL SCIENCE	✓
32	SUHAIRA N.	NATURAL SCIENCE	✓
33	ANAND RAVI	PHYSICAL SCIENCE	✓
34	VAISHAKH K	PHYSICAL SCIENCE	✓
35	AHANA THOMAS	PHYSICAL SCIENCE	✓
36	ANJANA CHANDRAN	PHYSICAL SCIENCE	✓
37	ANN KURIAN	PHYSICAL SCIENCE	✓
38	ARYA K I	PHYSICAL SCIENCE	✓
39	CHRISTEENA RAJU	PHYSICAL SCIENCE	✓
40	ELSITTA JOSE	PHYSICAL SCIENCE	✓
41	MANEESHA P	PHYSICAL SCIENCE	✓
42	NIHA PADMANABHAN	PHYSICAL SCIENCE	✓
43	HRISHIKESH BABU M.C	SOCIAL SCIENCE	✓
44	JOMAL JOY	SOCIAL SCIENCE	✓
45	AKSHARAMOL	SOCIAL SCIENCE	✓



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46	ANUMOL A M	SOCIAL SCIENCE	✓
47	ANUSREE K P.	SOCIAL SCIENCE	✓
48	HITHA K	SOCIAL SCIENCE	✓
49	PRAJINA DAS K P	SOCIAL SCIENCE	✓
50	SIMNA N.P.	SOCIAL SCIENCE	✓



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Name of programme: URJA KIRAN: RALLY AND SIGNATURE CAMPAIGNS

Date:15-12-2022



UrjaKiran 2022 – 23, Energy conservation rally and signature campaign of P K M College of Education was held on 15thDecember 2022. It was a programme jointly organised by energy managementcenter, Kerala and P K M College of Education at B C M Club and library, Madampam. It was flagged off by shri Dominic P L – president of B C M Club, Madampam. Student teachers conducted a rally from regulator cum bridge Madampam town at 3 P M with their slogans and pluck cards up. The official program started at 3 .15 P M at Madampam town in the presence of members of B C M Club, student teachers and the general public. Dr. Fr. Sinoj Joseph, Assistant Professor of Physical Education welcomed the gathering with his profound words about energy conservation and its necessity. The programme was presided over by Sr. Dr.Jessy N C – Principal, P K M College of Education. She reminded the gathering about the crisis we are in it’s the question of energy conservation is not answered properly the future generation will have its impacts. The signature campaign was inaugurated by Srimati. MeenaSaji, Councillor of Sreekandapuram Municipality.

She reflected upon various methods we have to adopt in our daily life to preserve and conserve energy resources. She added about the need of change that should be practised in each home. Mr Anand Ravi, resource person of EMC as well as second year B Ed student handled a detailed session on energy conservation and its relevance. The information shared was thought provoking since the statistics of energy usage by Keralites was shocking. In order to overcome this crisis, the alternative systems should be developed at the earliest. And he gave a framework



  
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of different government policies and it's benefits to the audience. ShriBinoy, Headmaster of Madampam Maryland High school and Shri Dominic gave their felicitation address. The pledge was provided by AnushaV UrjaKiran Coordinator. Dr.Prasanth Mathew, coordinator – UrjaKiran project proposed the vote of thanks. The students, members of B C M club and the general public marked their initial step for energy conservation through a signature as part of the campaign. The student teachers of P K M circulated a pamphlet detailing the scientific methods for energy conservation.



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(Govt. Aided Teacher Education Institution affiliated to Kannur University)

Recognized by NCTE and included under UGC 2(f) & 12B category

Accredited by NAAC with 'A' Grade, (Second cycle -4 point scale), RUSA 2.0 beneficiary

E-mail: [pkmcedn@yahoo.co.in](mailto:pkmcedn@yahoo.co.in), Website: - [www.pkmcollge.org](http://www.pkmcollge.org)

Tel: 0460 2230929, Fax: 04602 232449

Circular No: /PKM/2022-23

Date: 12/12/2022

**Sub: Urjakiran rally & Signature campaigns**

## CIRCULAR

Dear students,

Urjakiran 2022-23 jointly with the Energy Management Centre planned to conduct Energy Conservation rally & signature campaign of P.K.M. College of Education on 15<sup>th</sup> December 2022.

EventDetails:

- Date: 16-12-2022

- Time: 03:00 PM

Best regards



Principal

Copy to

All TS, NTS & Students



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### ABSTRACT FOR REPORT

Assessment Year – 2022-23

Office File No :      Digital File No:

ABOUT THE PROGRAMME			
Programme Title		Urja Kiran: Rally and Signature Campaign	
Sub Programme	Programme 1:	Nil	
	Programme 2	Nil	
Nature of the Programme		Outreach program emphasizing the importance of energy, its uses and conservation	
Level of the Programme		College level	
Type of the Programme	In-house/outreach	Outreach	
	Online/offline	Offline	
Objectives		<ul style="list-style-type: none"> <li>Develop an awareness about energy consumption and conservation</li> <li>To emphasize the importance of sustainable use of energy resources</li> <li>Provide information about various scientific methods of energy use and conservation.</li> </ul>	
Issues /Themes addressed		Importance of awareness about energy resources, its use, conservation and its methods.	
Date & time		15/12/2022 at 3 pm	
Venue		B. C. M. Club and Library, Madampam	
Duration		1.5 hours	
ORGANIZING LEVEL			
Organized by		P. K. M. College of Education, Madampam	
Association/ Collaboration with		Energy Management Centre, Kerala	
sponsored by	External	Energy management centre	
	Internal		
Sanctioned amount			
Sanction order details			
Faculty in charge		Dr. Prasanth Mathew	
Student co ordinators (Programme)			
Student co ordinators (Anchors)			
Student co ordinators (Reporting)			
Student co ordinators (ICT)			
Student co ordinators (Media)			
RESOURCE TEAM			
Resource Persons/Experts	Name	Designation	Role
	Mr. Anand Ravi	EMC Resource person, IInd year B.Ed. student of the college	Session on energy conservation and relevance.
Public Person	• Mr. Dominic P L	President, B. C. M. Club	Flagged off the Rally Inauguration of
	• Mrs. Meena Saji		



*[Signature]*  
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	• Mr. Binoy	Councillor, Sreekandapuram Municipality	signature campaign Felicitation address
		Headmaster, Madampam Maryland High School	
Management Representative			
PTA Representative			
Alumni Representative			
Cooperative School Representative			
PARTICIPANTS			
Student participants	Batch 1: 2021-23		
	Batch 2: 2022-24	50	
Teacher Educators		8	
Administrative staff		10	
Student Teachers outside PKM			
Teacher Educators outside PKM			
Researchers			
School Teachers			
School students			
Alumni			
General public			
FEEDBACK			
Oral feedback			
Written feedback			
Google form			
On the spot			
UPLOADING DOCUMENTS			
Plan of Action			
Notice/ circular	Yes		
Brochure	Yes		
Programme sheet			
Photograph with titles			
Reports	Printed	Yes	
	Digital	Yes	
Geo tagged photos			
Videos edited for uploading			
Participant list			
Programme certificates			
Duty certificates			
Statement of Expenditure			
Mass media	News paper		
	Local channel		
	Radio		
	Online news		
Social media	Website		
	Facebook		
	Instagram		
Link of the document			
Publications/ proceedings if any			



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Major outcomes	<ul style="list-style-type: none"> <li>• Student teachers got to know about the importance of effective usage and conservation of energy.</li> <li>• Student teachers, students and general public were informed and educated about energy consumption and scientific energy conservation methods.</li> </ul>
ICT/ Digital resources (Devices, Softwares, Apps etc)	



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### URJAKIRAN 2018 – 2019

As a teacher education institute P.K.M. College of Education conducted Urjakiran in the Irikkur constituency. On 14th January 2019 an awareness class on "Energy Efficiency and Conservation" was conducted at St. George HS, Chempanthotty. The class was taken by Sri Padhmanabhan A., Assistant Engineer, KSEB Sreekandapuram and Ms. Ashlin Raj, EMC resource person, Kannur. Public meeting was inaugurated by Sri K.C. Joseph MLA, Kannur district EMC resource person Sri Wilson Francis participated in the program. Participation was around 500 and consumer number of the participants was collected for monitoring the energy usage for the coming months. Prizes for best energy conservers were given on that occasion. As part of this various competitions like poster, carton, slogan, online quiz and troll competitions were organized and they were exhibited on that day. Sarika Chacko and Anjusha M. were the student coordinators of program.



**Add participation listit**



A handwritten signature in blue ink, likely of the Principal.

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E-mail: [pkcedu@yahoo.co.in](mailto:pkcedu@yahoo.co.in) Website: - [www.pkmcollege.org](http://www.pkmcollege.org)

Tel: 0460 2230929, Fax: 04602 232449

Circular No: /PKM/2018-19

Date: 11/01/2019

Sub: Urjakiran

## CIRCULAR

We are excited to invite you to a class conducted at St. George High School, Chembentotti on the topic "Energy Efficiency and Conservation" join us as this programme would educate us more about the importance of conservation of energy.

### Event Details:

➤ Seminar

Date: 14-01-2019

Venue: St. George H S Chembenthotti

Copy to

All TS, NTS and Students



Best regards

Principal

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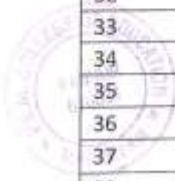
## URJAKIRAN AWARENESS PROGRAMME

### PARTICIPATION LIST

2018- 2020 BATCH

14/01/2019

SL. NO.	NAME	OPTIONAL SUBJECT	ATTENDANCE
1	AKHILA JOHN	ENGLISH	✓
2	AMRUDHA SIBY	ENGLISH	Absent
3	ANJANA K.C.	ENGLISH	✓
4	ARYA PREMARAJ P.K.	ENGLISH	✓
5	GIBY BABU	ENGLISH	Absent
6	MEENU T.C.	ENGLISH	✓
7	REVATHY PARAMESWARAN	ENGLISH	✓
8	BISNA NARIKKODAN	ENGLISH	✓
9	GOKULA E.	MALAYALAM	✓
10	HARITHAMOL P.P.	MALAYALAM	✓
11	NIMISHA A.	MALAYALAM	✓
12	SRUTHI C.K.	MALAYALAM	✓
13	THULASI M.B	MALAYALAM	✓
14	THUSHARA K.K.	MALAYALAM	✓
15	ANUMOL MATHEW	MATHEMATICS	✓
16	AYONA VINCENT	MATHEMATICS	✓
17	HARSHA A. P	MATHEMATICS	✓
18	JISHNA KARIYIL	MATHEMATICS	✓
19	MEENU STEPHEN	MATHEMATICS	✓
20	MERITTA STEPHEN	MATHEMATICS	✓
21	NIMITHA JOSE	MATHEMATICS	✓
22	RAJINA P.P.	MATHEMATICS	✓
23	SNEHA P SEBASTIAN	MATHEMATICS	✓
24	SOUPARNIKA J.	MATHEMATICS	✓
25	ANJALI A.K.	NATURAL SCIENCE	✓
26	ANJALI C.K.	NATURAL SCIENCE	✓
27	JAHIRA K.	NATURAL SCIENCE	✓
28	MAHIMA K.	NATURAL SCIENCE	✓
29	NEETHU MADHUSOODANAN K.V	NATURAL SCIENCE	✓
30	PRIYANKA TALIYIL	NATURAL SCIENCE	✓
31	REMYASREE M.V.	NATURAL SCIENCE	✓
32	RISHANA K.M.P	NATURAL SCIENCE	✓
33	ABIYA JOSE	PHYSICAL SCIENCE	✓
34	ANJUSHA M.	PHYSICAL SCIENCE	✓
35	APARNA FRANCIS	PHYSICAL SCIENCE	✓
36	ATHIRA K.	PHYSICAL SCIENCE	✓
37	JOSLY JOSE	PHYSICAL SCIENCE	✓
38	NIDHIN JOSE	PHYSICAL SCIENCE	✓
39	RIYA ROSE MATHEW	PHYSICAL SCIENCE	✓



*[Signature]*  
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40	SARIKA CHACKO	PHYSICAL SCIENCE	✓
41	SHYNA N RAJU	PHYSICAL SCIENCE	✓
42	SONIA CYRIAC	PHYSICAL SCIENCE	✓
43	SREYA JOSEPH	PHYSICAL SCIENCE	✓
44	ATHIRA P.K.	SOCIAL SCIENCE	✓
45	JASMINE THOMAS	SOCIAL SCIENCE	✓
46	REJI P GEORGE	SOCIAL SCIENCE	✓
47	REMYA RAGHAVAN	SOCIAL SCIENCE	✓
48	RENJINI N.V	SOCIAL SCIENCE	✓
49	RISINA T	SOCIAL SCIENCE	✓
50	SUJINA T.V.	SOCIAL SCIENCE	✓



*[Handwritten Signature]*

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## URJAKIRAN AWARENESS PROGRAMME


### PARTICIPATION LIST

2017- 2019 BATCH

14/01/2019

SL. NO.	NAME	OPTIONAL SUBJECT	ATTENDANCE
1	LITTYMOL THOMAS	ENGLISH	✓
2	MADHURIMA E P	ENGLISH	✓
3	MANJU K R	ENGLISH	✓
4	RANJU MOL C T	ENGLISH	✓
5	AMRUTHA RADHAKRISHNAN	ENGLISH	✓
6	SARATH C	MALAYALAM	✓
7	ARYA M.P	MALAYALAM	✓
8	DILNA P.V	MALAYALAM	✓
9	SHEEJA PHILIP	MALAYALAM	✓
10	SHIGINA K	MALAYALAM	✓
11	THASLEEMA M.K	MALAYALAM	Absent
12	VIJILA P	MATHEMATICS	✓
13	AKASH K	MATHEMATICS	✓
14	SHEBIN K RAJU	MATHEMATICS	✓
15	ATHIRA SAGAR	MATHEMATICS	✓
16	JIMNA P	MATHEMATICS	✓
17	JINI JOY	MATHEMATICS	✓
18	NEETHU V	MATHEMATICS	✓
19	SUBINA T	MATHEMATICS	✓
20	RAFEENA T P	MATHEMATICS	✓
21	VISHAKH A	NATURAL SCIENCE	Absent

  
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 SHEEKANDAPURAM, KANNUR DT.,-670631

22	AKSHARA P	NATURAL SCIENCE	✓
23	AMMU JOSE	NATURAL SCIENCE	✓
24	ANAGHA K	NATURAL SCIENCE	✓
25	ANUSHA E	NATURAL SCIENCE	✓
26	ASWATHI P.V	NATURAL SCIENCE	✓
27	C P ROOPAMA	NATURAL SCIENCE	Absent
28	FARHANA KHADER	NATURAL SCIENCE	✓
29	MRIDULA RAMESH C	NATURAL SCIENCE	✓
30	ANJU MARIA MULLOOR	PHYSICAL SCIENCE	✓
31	ANUSREE V.P	PHYSICAL SCIENCE	✓
32	JILU SIMON	PHYSICAL SCIENCE	✓
33	LAYA LUKA	PHYSICAL SCIENCE	Absent
34	LIYA JOY	PHYSICAL SCIENCE	✓
35	MINU MOL THOMAS	PHYSICAL SCIENCE	✓
36	PONNISHA THOMAS	PHYSICAL SCIENCE	✓
37	PRIYA JOY	PHYSICAL SCIENCE	✓
38	RIBINA V	PHYSICAL SCIENCE	✓
39	SANGEETHA C P	PHYSICAL SCIENCE	✓
40	JINU A .M	SOCIAL SCIENCE	✓
41	AKHILA LAKSHMANAN	SOCIAL SCIENCE	✓
42	MINI SCARIA	SOCIAL SCIENCE	✓
43	RAJASREE THAZHATHUVEETIL	SOCIAL SCIENCE	✓
44	RIYA MARY THOMAS	SOCIAL SCIENCE	✓
45	ROSHNA SURESH	SOCIAL SCIENCE	✓
46	SARITHA C NARAYANAN	SOCIAL SCIENCE	✓
47	SOUPARNIKA K B	SOCIAL SCIENCE	✓
48	THRISHNA V K	SOCIAL SCIENCE	PRINCIPAL 

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**PKM COLLEGE OF EDUCATION,  
MADAMPAM**



**MAJOR ENERGY CONSERVATION  
CAMPAIGNS 2021-22  
REPORT**



  
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KATHAPRAM P.O., MADAMPAM  
SHERANAPURAM, KANNUR DT., -670631

## AT A GLANCE

### Energy Conservation Awareness Campaign 2021-2022

<b>URJAKIRAN 2021-22</b>		
Fund Received: 8,000/-		
<b>PRE-SANCTION WORKSHOP</b>		
Three student Coordinators participated in the online workshop		
<b>POST-SANCTION WORKSHOP</b>		
One Student Coordinator participated in the workshop		
<b>PROGRAMME 1: @PKM College of Education, Madampam</b>		
<b>Awareness talks</b>		Theme: Energy Efficiency and Conservation
Competitions	Poster, e-collage, and troll	
Exhibition	Poster	
<b>PROGRAMME 2: Observance of Energy Conservation Day</b>		
	Street Play, Training in LED bulb manufacturing	
<b>PROGRAMME 3: Public Meeting and Awareness Class Signature Campaign Energy Conservation Rally</b>		
@ Sathyan Smaraka Vayanasala, Alex Nagar		4-12-2021
<b>No. of Participants</b>	General Public	45
	Student Teachers & Teacher Educators	46
<b>Public Meeting and Signature Campaign</b>	<i>Inauguration</i>	Sri. Adv.Sajeov Joseph MLA (Irikkur Legislative Assembly)
	<i>In the presence of</i>	Ms. Municipal Councillor, Sreekandapuram.
<b>Awareness Class</b>	<i>Theme 1</i>	Energy Efficiency and Conservation
	<i>Resource Person</i>	Ashlin Raj EMC Resource Person, (Alumni P.K.M)
	<i>Theme 2</i>	Go Electric
	<i>Resource Person</i>	Mr. Abin Jose EMC Resource Person (Alumni PKM)
<b>Energy Conservation Rally &amp; Oath Taking</b>	<i>Flagged off by</i>	Sri. Adv.Sajeov Joseph MLA (Irikkur Legislative Assembly)
<b>Distribution of</b>	LED Bulbs, Energy Conservation Handbook Awards for Best Energy Conservers	
<b>RESOURCE PERSON TRAINING</b>		
Nine Student Teachers of 2021-2023 batch of PKM College of Education were participated in the Resource Person Training programme held at Energy Management Centre, Thiruvananthapuram on 28 <sup>th</sup> and 29 <sup>th</sup> April 2022.		



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SREEKANDAPURAM, KANNUR DT.-670631

Three Student Teachers of 2020-2022 batch of PKM College of Education were participated in the Resource Person Training programme held at Energy Management Centre, Thiruvananthapuram on 22<sup>nd</sup> and 23<sup>rd</sup> June 2022.

**EXTERNAL OBSERVER**

Mr. Anand Ravi ( Student teacher:2021-23 batch) and Mr Abin Jose(Alumni,PKM) of PKM College of Education were deputed as the external observers in Urja Kiran programme held at Kelakam, Kisan Service Society, on December 13, 2021 and Mattannur on December 14,2021

**STUDENT TEACHERS AS RESOURCE PERSONS AT SCHOOLS**

Nine Student Teachers of 2021-2023 batch of PKM College of Education currently have been taking Energy conservation awareness classes at schools during their internship.

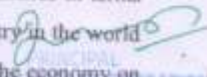
## INTRODUCTION

Energy is a broad term and is the fundamental source of living. Energy is classified into various types depending on its nature. Energy conservation is the means of reducing the consumption of energy.

As every living creature on this planet depends on nature for sustenance, environmental protection has become more important than ever before. It is not simply about food, clothes or shelter anymore. It is much beyond that. We are depleting natural resources faster than nature can replenish them.

One of the most difficult challenges that we are facing is environmental degradation resulting from deforestation, pollution and climate change. Deteriorating environmental condition have resulted in many other problems such as scarcity of resources, poor sanitation and hygiene as well as calamities such as floods and droughts. We humans are causing excessive damage to environment, many of which are irreversible.

Global energy consumption is increasing gradually and the globe would be facing an energy crisis in the coming decade. India, one of the most affected countries in terms of energy shortage and increasing energy price became one such country in the world to adopt energy management measures at the earliest in all sectors of the economy.

  
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a priority basis. When comes to Kerala ,Kerala is struggling to meet the rising power demand during peak hours. Currently, State faces a shortage of 125 MW during peak hours and the KSEB is managing short supply with short term purchases that cost way more than regular rates. Governmental and Non -Governmental organizations are taking initiative to give priority to the use of renewable resources and to reduce the irresponsible use of natural resources through increased conservation.

Energy Management Centre(EMC) the State Designated Agency(SDA)to enforce Energy Conservation Act in Kerala state bags the National Energy Conservation Award in first place instituted by Ministry of Power ,Government of India in the category of State Designated Agencies. After the enactment of Energy Conservation Act 2001, State Designated Agencies have been designated to enforce and coordinate the activities relating to the implementation of the Act. Kerala was the topper with 77 points in Energy Efficiency Preparedness Index published by Niti Ayog and Ministry of Power this year. EMC has implemented several projects with people's participation in associated with Panchayats, Public Libraries etc.

On behalf of Energy Management Centre -Kerala an autonomous organization under Department of power, Government of Kerala roles and aims ,P.K.M College of Education Madampam established for formulating and implementary various energy efficiencies and energy conservation programmes and project which are listed below;

### **URJA KIRAN 2021-2022: Pre-Proposal Workshop**

In order to introduce the theme and equip the interested agencies to submit the proposal, an online pre- proposal workshop of Urja Kiran 2021 -22 was organized by the energy Management Centre Kerala on 7<sup>th</sup> August 2021 at 11pm on zoom application. Shri. K .Krishnankutty, Honourable minister, Electricity Board of Kerala launched the program on focal theme "Go Electric Campaign". The programme plotted about ever rising demand supply gap of energy and peak load demand as well



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as increasing renewable energy mix and increasing socio – economical activities and lifestyle or standard of living induced energy intensity make the energy efficiency and energy conservation to a priority area in Kerala. So , this platform explained how EMC works on efficient use of energy and its conservation. The aim of program enrolled maximum number participates from the assembly constitution or local bodies, allotted about 200 programmes are envisaged. The topic such as portal ready to launch for electric scooter and E-mobility initiatives in EMC campus was highlighted. During webinar an introduction to the other programmes conducting by Urja Kiran has also introduced. Its focal theme is "Empower Women Entrepreneurs in Green Energy ". **Student representatives : Anusree K , Sayooj V V , Shyona Stephen of PKM College of Education , Madampam** attended the webinar successfully .

### **Post-Sanction Workshop**

An offline post sanction workshop of Urja Kiran 2021-2022 was arranged by Energy Management Centre Mr.Anand Ravi ,student teacher of PKM College of Education,participated in workshop.Material distribution was also performed on the basis of post sanction workshop on 27<sup>th</sup> November 2021,saturday in the presence of Shri.Baiju PK,seceretary at APJ Abdul Kalam Library and Research Centre ,district library ,Kannur. Distributed materials are two banners for rally and signature campaign canvas for signature campaign and pamphlets.

### **Programme 1: Awareness talk ,Competitions and Exhibition at PKM College of Education**

P.K.M College of Education Madampam, Energy Management centre, Kerala and Sathyan Smaraka Vyanachala co-operatively conducted Urja Kiran Energy



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conservation program 2021-22 on 4th December 2021, Saturday at Sathyan Smaraka Vayanashala hall, Alex Nagar. Dr. Prasanth Mathew (Assistant Professor, Physical Science, PKM College of Education) represented as organiser and Mr. Anand Ravi, Ms Arya K.I (Physical Science student teachers) were performed as student coordinators of the program. The program started at 2 P.M with Energy Awareness class on the topic "Energy Efficiency and conservation". Class was taken by, **Student teacher of PKM College of Education Mr. Ashlin Raj (EMC Resource Person) and Mr. Abin Jose (EMC Resource Person)**.

After Awareness class, the official inauguration programme started at 3 p.m. Mr. Sunil Kumar, vice president of Sathyan Smaraka Vayanashala welcomed the gathering. Dr. Jessy N.C, Principal of PKM College presided over the function. Adv. Sajeev Joseph, MLA of Sreekanthapuram Municipality Education and standing committee addressed the programme. Mr. Sayooj V.V, PKM college student council chairman delivered vote of thanks. Poster/collage/troll making competition were conducted among the student teachers of PKM College on the theme, "Energy Efficiency and Conservation". Best among them were displayed in Exhibition at Sathyan Smaraka Vayanashala hall.



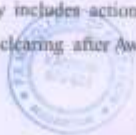
  
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## **Programme 2: Observance of energy conservation day with a street play at PKM College of Education**

National energy conservation day was celebrated at the general hall of P.K.M College of education on December 14<sup>th</sup> at 9:30 a.m under the guidance of Dr.Prasanth Mathew (Assistant professor in Physical Science) . The programme started with welcome address of Elaitta Jose ,student of Physical Science department . This programme portrayed the drive mass awareness about the importance of energy efficiency and conservation.Jishnu T.P, student of Malayalam department scripted and directed the street play which was performed by all students of Physical Science Department . The street play described how to promote energy conservation in young minds of the country. This programme focuses on making people aware of global warming and climate change and promote the efforts towards saving energy resources.It also highlights the achievement in the field of energy efficiency and conservation. This platform also aims to pool the knowledge and synergise the efforts of various organization for the promotion and adoption of clean energy technologies and practices.The programme also assists in developing policies and strategies with primary objective of reducing the energy intensity of our economy **under the leadership of Ahana Thomas and Vysakh K of PKM College of Education** ,the students were introduced to LED construction techniques. The program ends with the vote of thanks by Anjana Chandran.

## **Programme 3; Public Meeting and Awareness class , Signature campaign, Energy conservation Rally at Alex Nagar .**

PK.M College of Education Madampam, Energy Management centre, Kerala and Sathyan Smaraka Vayanashala cooperatively conducted Urja Kiran Energy conservation program 2021-22 on 4th December 2021, Saturday at Sathyan Smaraka Vayanashala hall, Alex Nagar. Dr. Prasanth Mathew (Assistant Professor, Physical Science,PK.M College of Education) represented as organiser and Mr. Anand Ravi and Ms. Arya K.I (Physical Science student teachers) were performed as student coordinator of the program. The program started at 2 P.M with an Energy Awareness class on the topic " Energy Efficiency and conservation". Class was taken by, **Student teachers of P.K.M College, Mr. Ashlin Raj (EMC Resource Person) and Mr Abin Jose( EMC Resource Persons)**through power-point presentations and videos,they described that energy efficiency generally pertains to the technical performance of energy conservation and consuming device and building materials generally includes actions to reduce the amount of energy and ~~use~~ Ten minutes was utilized for doubt clearing after Awareness class.



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The official inauguration programme started at 3 p.m. Mr. Sunil Kumar, vice president of Sathyan Smaraka Vayunashala welcomed the gathering presenting the dignitaries with LED bulbs was the way chosen for welcoming. Dr. Jessy N.C, Principal of PKM College presided over the function. Adv. Sajeev Joseph, MLA of Irikkur constituency officially inaugurated the programme. Mrs. Thressiamma Mathew, Chairperson of Sreekanthapuram Municipality Education and standing committee addressed the programme and pointed out that with an example installing energy efficient lights is an energy efficiency measure whereas turning them off when not needed, either manually or with timers or motion sensor switches is an energy conservation measure. Mr. Sayooj V.V, P.K.M college student council chairman delivered vote of thanks. Lucky winners from participants were gifted with LED bulbs. Then, Advocate Sajeev Joseph MLA inaugurated signature campaign. Under the leadership of student co-ordinator Arya K.I pledge was taken. M.L.A flagged off energy conservation rally. After that students of P.K.M College of Education presented a flash mob. Posters made by students of P.K.M College also displayed at the event. 45 general public, 5 teachers and 41 students participated in the program. The program put forward state specific schemes to finance energy efficiency and energy conservation projects based on various stakeholders consultative meeting. The program also provided Energy Conservation handbook awards to Best Energy Conservers.



  
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**Programme 4: External Observers**

P.K.M College of education had been selected as participating agency for the organizing the funded project in association with EMC Kerala, centre for Environment for the public since 2015 . Based on this motto and aim, Mr. Anand Ravi student teacher ( 2021-23 batch) & Mr. Albin Jose ( Alumni P.K.M ) of PKM College of education were deputed as the external



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### Programme 5: Paper presentation on energy conservation at Mysuru.

Representatives of PKM College of Education, Madampam participated in the international seminar on "Higher Education, emerging Trends, Challenges and Innovations" organized by St. Joseph College of Education, Mysuru in collaboration with International Gandhian Initiatives for Non-violence and Peace on 28 th and 29 th of July 2022. The student teachers who presented papers includes Ahana Thomas, Anand Ravi, Arya K I, Anjana Chandran, Ann Kurian, Christeena Raju, Elisita Raju, Maneesha P, Niha Padmanabhan, Vaishakh K, Ashwathi K, Karishma Suresh ,Aen Maria Benny and Johna TV along with the alumni Anu Lakshmi P and faculty Ms.Minimol George.

The paper "Urja Kiran" Energy Conservation Awareness campaign of PKM College of Education, Madampam in the context of UN SDG7: "Affordable and Clean Energy" presented by **Arya KI, Anjana Chandran**, student representative of PKM College of Education along with Dr.Prasanth Mathew ,Assistant Professor, Department of Physical Science ,explores the energy conservation initiatives undertaken by PKM College of Education since 2015 and analyses its impact on promoting energy efficiency and energy conservation constituency. The paper presentation also tries to highlight and explores how the initiatives undertaken by the Teacher Education Institute contribute to the progressive development of the future teachers as environmental activists in the society to address the societal or environmental issues and how it addresses the attainment of the United Nations Sustainable Goal. The study also analyses the impact of the initiatives taken by the Teacher Education Institutions in the Assembly Constituency by synthesising the six-year data as the whole and evaluate, how it contributes to the attainment of the UN SDGs.



  
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### **Programme 5: Student Teachers as Resource persons at various schools of Irikkur constituency**

Nine student teachers of 2021-23 batch of PKM College of Education were participated in the Resource Person Training programme held at Energy Management Centre , Thiruvananthapuram on 28<sup>th</sup> and 29<sup>th</sup> April 2022 .This initiative under taken by PKM College of Education , Teacher education institution at the community and campus level leads to the progressive development of the future teachers as environmental activists to address the environmental issues among the children . **These resource person trainers of P.K.M College Of Education, Madampam** act as teachers for their internship among the students of various schools under Irikkur constituency.

Lecturing kids about environmental degradation in the world and rating about the boring facts and figures is not going to help. But the student teachers of 2021 – 2023 engaged them in a game and quiz instead . They had tried these fun and engaging ways to teach little ones about conserving energy and surprised how to be involved in green living practices. Throughout the process, the role of student teachers has a transition from participatory level to organizing and execution level and finally they transformed to protectors of environment who conserve and preserve the system that sustain the nature.



  
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## CONCLUSION

In this era of living ,there is a great need for energy conservation.The world is moving towards energy sustainability leading to sustainable development. Energy house and society is thinking about the re-establishment of it's connection with nature.Since energy is a short supply in India and is expensive especially for industry.Management of energy sources is an important part of power system. So as to save natural resources,the conservation of energy has to be done at different levels,that is at social and commercial level So,the process of energy conservation campaign sensitize the Teacher education institution as well as community to conserve energy.These processes end up into a great success as a result of both initiative and effort of Governmental and Non-Governmental organizations , Institutions,student teachers and the General public.Throughout the process,the role of student teachers has a transition from participatory level to organizing and execution level and finally they generally transforms to protector of environment who conserve and preserve the systems that sustain the nature.



  
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ഇവർക്കു കീഴെ 2021-22

# ഗോ ഇലക്ട്രിക് ക്യാമ്പയിൻ

ഇവർക്കു കാര്യബോധിയും ഇവർക്കു സംരക്ഷണവും:  
 യോഗ്യതകളുള്ളവർക്ക്, ഇവർക്കു സംരക്ഷണ ഓഫീ, പ്രതിരോധം, ജ്യോതേയബോധം  
 2021 ഡിസംബർ 4 | അതിയാഴ്ച ഉച്ചയ്ക്ക് 130 ന് | അലക്സാണ്ടർ സമുദായ സമാഹരണ വാതനാല ചന്തയിൽ

ഇദ്ദേഹം



**അഡ്വ. സജീവ് ജോസഫ്**

എ.എസ്.എസ്. ഇൻസ്റ്റിറ്റ്യൂട്ട്

സമുദായ സമാഹരണ വാതനാല | ശ്രീകണ്ഠാപുരം നഗരസഭ 16-ആം ഫാർവ് എം.ഡി.എസ്. |  
 എനർജി സൗകര്യങ്ങൾ സെക്ടർ, കെ.ഒ.ഇ



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\* Name of programme: ഊർജ്ജസംരക്ഷണസെമിനാർ

DATE: 08-01-2023

Venue: St. Alphonsa Church, Mundannur

Date: 08/01/2023

Time: 4.30 PM

**Objective**

- To create an awareness on 'energy conservation' among people
- To develop skills of student teachers through organizing outreach programmes

**Programme**

'Urjakiran' is a programme organized in collaboration with Energy Management Centre (EMC) - Government of Kerala and Centre for Environment and Development - Government of India. As part of Urjakiran programme, P.K.M College of Education conducted a Seminar on the topic 'Lifestyle and Energy Efficiency' on 8<sup>th</sup> January 2023 at Parish Hall, St. Alphonsa Church, Mundannur. The programme was inaugurated by Adv.Sajeev Joseph, M.L.A of Irikur Constituency. Dr.Jesay N.C, Principal of PKM College of Education, delivered the presidential address. Fr. Amal Tomy, Mr. Biju Arakkal, Dr.Prasanth Mathel (Vice Principal, PKM College of Education), Ms. Anjatha Chandran (Student Coordinator of the Programme) were present at the event. Classes on the topic were taken by E.M.C Resource persons.

Ms. Ann Kurian, Ms. Arya K I and Mr. Anand Ravi. Around 85 people participated in the programme. Distribution of LED Bulbs were also a part of the programme. Programme ended at 6.30 pm.



  
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URJAKIRAN - 2021-22  
ഊർജ്ജകീരണം 2021 - 22

ഊർജ്ജകീരണ അദ്ധ്യക്ഷൻ: സജീവ് അസഫ് (ബഹു ഇൻ്റീമുൾ എം എൽ എ)  
അദ്ധ്യക്ഷക അംഗം: സി അമ്മി (പ്രിൻസിപ്പൽ പി കെ എം കോളേജ് മദമ്പം)  
തീയതി: സത്യൻസ് ഓരം വായനശാല അലക്സ് നഗർ - 04-12-2021



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# ENERGY CONSERVATION DAY 14-12-2021



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