



# P.K.M. COLLEGE OF EDUCATION

MADAMPAM, KAITHAPRAM PO, KANNUR-670631, Website-www.pkmcollege.org 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, RUSA 2.0 beneficiary

# PROGRAMME PORTFOLIO

DEPARTMENT OF PHYSICAL SCIENCE 2020 - 22



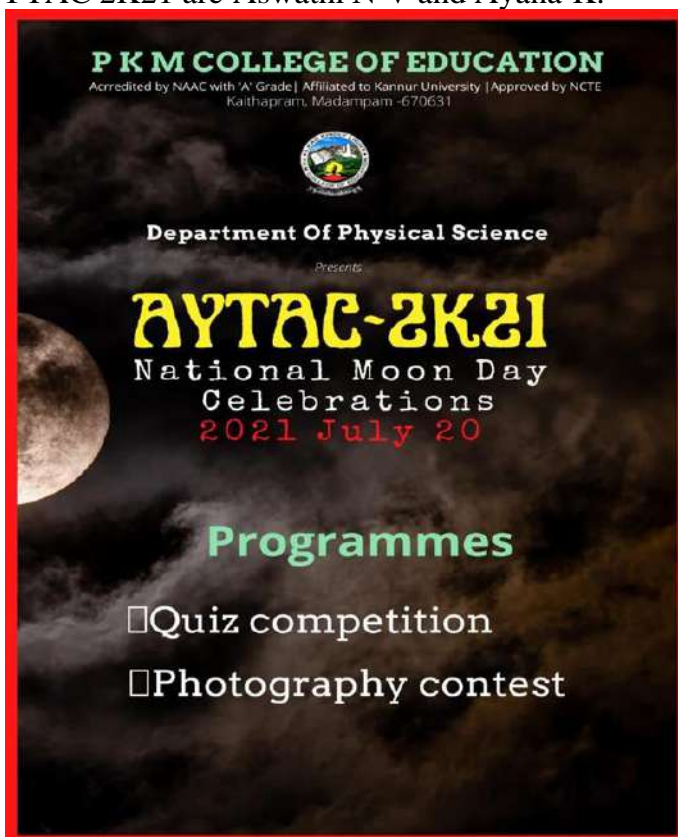
**P.K.M COLLEGE OF EDUCATION, MADAMPAM**  
**DEPARTMENT OF PHYSICAL SCIENCE**  
**Annual Class Report 2021-2022**  
**01-06-2021 to 31-May 2022**

**2020-22 Batch**  
**Semester III&IV**

**AYTAC 2K21 - National Moon day Celebrations 2021**

July 21 is celebrated as “National Moon Day”. PKM College of Education Madampam, under the auspices of the department of Physical Science, organized various programs with the National Moon Day celebration on 20<sup>th</sup> July 2021. The program was named AYTAC 2K21. Firstyear B.Ed students were the participants.

Quiz competition and a Photography competition was also conducted as a part of national moon day on the topic: Selenophile- The moon lover. Maneesha Babu from the Mathematics department was selected as the winner in the Quiz competition. Anjali R from Malayalam department was selected as the winner in the Photography competition. Program coordinators of AYTAC 2K21 are Aswathi N V and Ayana K.



## RUHE 2K21 : Hiroshima Nagasaki Day Remembrance

We, the Physical Science department celebrated Hiroshima Nagasaki Day Remembrance,, RUHE 2K21" on 9th August 2021. The major attractions of RUHE were quiz competition and poster designing competition for students of pragya –the learning academy of P.K.M , intercollege essay writing competition and reels competition. The brochure for different programs was published on 9th august 2021 on different online groups . The quiz program was held on 10 th August 2021 at 5 pm . The quiz conducted on google form which included 20 questions for 10 mints. 9 students were participated in the quiz . The winner was Devanandha R ,9 std . The topic for poster designing competition was "Grow up not to blow up". The last date for submitting the entries of poster designing competition was on 12 th august 2021. The poster was submitted as pdf form to the given WhatsApp numbers. Devanandha was the winner. The topic for essay writing competition was "still under the shadow of nuclear weapon" and the winner was Anusree K C,

P.K.M college of education ,Madampam . The essay was also submitted in pdf form to the given whatsapp numbers. "Little boy ,Fat man – The lasting effect" was the topic of reels competition. Anulakshmi, PKM Collge of education was the winner. The program coordinators was Aswathi N.V and Shyona Stephen of physical Science department. The program was a great success.

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Department of Physical Science  
Presents

**Ruhe 2k21**  
Hiroshima - Nagasaki day Remembrance

<b>Inter Collegiate</b> Essay competition Reels competition	<b>For Pragya students</b> Quiz Poster competition
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**Last date for submission**  
AUGUST 12  
6 PM

**For more details contact**  
8113028385  
9744775199

*Attractive prizes will be there*

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Department of physical science  
Presents

**Ruhe 2K21**  
Hiroshima- Nagasaki Day Remembrance  
For Pragya students

1. Quiz
2. Poster competition

Topic : " Grow up not to blow up"  
Instructions :  
Can be in digital form or hand made  
Send before August 12 - 6 PM  
in pdf format  
Whatsapp your entries to :  
8113028385, 9744775199

Attractive prizes will be there

## SERVA 2K21- International Ozone Day Celebrations

PKM College of Education, Madampam has celebrated world Ozone day: SERVA 2K21 on 20<sup>th</sup> September 2021, Monday. The programme was organized by both Physical Science Department and Bhoomitrasena club in association with Sasthra Sahithya Parishad. It was conducted on Zoom at 2:00 pm. The theme of Serva 2K21 was that 'Get in the zone to save ozone'. Mr. T.V.Narayanan fmr.secretary, Kerala Sasthra Sahithya Parishad, Kannur was the resource person.

Delna TS of Physical Science department welcomed everyone to the program. A video on 'Importance of Ozone Day Celebration' was played after welcome speech. Dr. Jessy N C principle of PKM College of Education, Madampam delivered presidential address. Mr. T.V. Narayanan inaugurated the program and delivered key note address. He discussed the topics Ozone and its formation, the cause for depletion of ozone and the importance of protection of ozone. The class was very inspiring and useful. The session helped student teachers to understand the importance of protection of ozone.

Mr. T. V. Narayanan published the digital magazine: HAYAT prepared by Physical Science Department in which all the student teachers of PKM College of Education, Madampam has contributed their works. Dr. Prasanth Mathew, Vice Principal of PKM College of Education, Madampam and Head of the Department of Physical Science and Jomol Jose, staff coordinator of Bhoomitrasena club and Head of department of Natural Science department felicitated in the program. Vote of thanks was given by Athira Anand, executive member of Bhoomitrasena club. The program was a great success.

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In Association with  
**KERALA SASTHRA SAHITHYA PARISHAD**  
Presents  
**SERVA 2K21**  
Get in the Zone to Save Ozone

20.09.21 | 2.00pm  
Zoom Platform

**RESOURCE TALK**

**Mr. T. V. NARAYANAN**  
Fmr. Secretary, Kerala Sasthra Sahithya  
Parishad, Kannur District

**INTERNATIONAL OZONE DAY CELEBRATIONS 2021**  
'Keeping us, our food and vaccines cool'  
Organised by  
**DEPARTMENT OF PHYSICAL SCIENCE &  
BHOOMITHRASENA**

CARE EARTH

## **SHARE YOUR SIGHT – A Talking Text development Project**

A two day workshop was conducted on the development of talking text as a part of Share your sight by PKM College of Education. Workshop was held on 14th and 17 th of May 2021. The session was inaugurated on 14th by 10:30 am. Vice principal of PKM College of Education, faculty of physical science Dr Prasanth Mathew welcomed the gathering. Dr. Jessy N C, principal of PKM College of Education delivered the presidential address. Department head of on air promotion of Surya TV, Mr Diego Jolly Jacob inaugurated the workshop. Technical session for the first day was handled by Dr. Rameshan Kador ( Sr lecturer, DIET, Kannur). He spoke on the topic " Inclusion in secondary education, teaching and learning package development". He spoke on caring the differently abled children and the ways to recognise them.He also pointed out that as future teachers it's our responsibility to handle and recognise all types of children. The session of the day 1 was concluded with the vote of thanks delivered by Ayana K.

Second day workshop was conducted on 17th May and started by 10 am. The workshop was held on the topic " Talking text for visually challenged". The session was handled by Mr M K Haridasan ( special educator,samagra siksha- Kannur). He spoke about the things and the technical parts that has to be considered while developing a talking text and also spoke about how to develop an effective talking text. With the use of already prepared audio texts we came to know more in detail about the development of talking text. The session was concluded with the vote of thanks delivered by the student coordinartor Anusree K. The workshop was officially concluded by the student coordinartor Sayooj V V by delivering the vote of thanks. Further the report of the workshop was discussed and planned on continuing and developing a talking text by the students.

# **SHARE YOUR SIGHT**

**A Talking Text Development Project**



**Curricular Project of  
P.K.M. College of Education**

# PRAGYA- Learning Academy of PKM

Covid 19 has created problems of a kind never before encountered in education. PKM College is joining hands with them as the education sector moves forward with new possibilities by overcoming all these. **Pragya-** The Learning Academy of PKM is a project designed by P.K.M. College of education for students facing crisis in online learning. Through this project, it is possible to clear the doubts and enhance the learning ability of the children in 7 subjects out of the six options. Through such schemes, PKM is joining the crisis by nurturing the social commitment of teachers and students in the country. A video on the historical significance of PKM College and the objectives of the **Pragya-** Learning Academy of PKM project was screened at the inauguration.



**P.K.M. COLLEGE OF EDUCATION** Next Gen @PKM  
**Teacher**  
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## PRAGYA

Learning Support System for Students at Risk

കോവിഡ് മഹാമാരിയിൽ പ്രതിസന്ധിയിലായ വിദ്യാർത്ഥികൾക്ക് പി. കെ. എം. കോളേജ് ഓഫ് എഡ്യൂക്കേഷൻ ഒരു കൈതാണ്.

8,9,10 ക്ലാസ്സിലെ കൂട്ടുകാർക്കായി

ENGLISH	CHEMISTRY
BIOLOGY	PHYSICS
MATHEMATICS	SOCIAL SCIENCE

തുടങ്ങിയ വിഷയങ്ങളിൽ നിത്യേന ക്ലാസ്സുകൾ പ്രവേശനം ആദ്യം രജിസ്റ്റർ ചെയ്യുന്ന 50 കുട്ടികൾക്ക്

- 12 കുട്ടികളുള്ള ചെറു ഗ്രൂപ്പുകളിൽ പഠനം.
- ദിവസവും 1 മണിക്കൂർ ക്ലാസ്സുകൾ.
- ക്ലാസ്സുകൾ സൂം/ഗൂഗിൾ മീറ്റ് വഴി.
- വിദഗ്ദ അധ്യാപകരും അധ്യാപകവിദ്യാർത്ഥികളും ക്ലാസ്സുകൾ നയിക്കുന്നു.
- ഓരോ കുട്ടിയുടെയും പഠനനിലവാരം വിലയിരുത്തി പ്രത്യേക ശ്രദ്ധ ഉറപ്പാക്കുന്നു.

പ്രതിമാസം 500/- രൂപ മാത്രം പഠനനിലവാരവും ഹാജർനിലയും വിലയിരുത്തി വർഷാവസാനം 40% വരെ ഫീസ് തിരികെ നൽകുന്നു.

**For Registration :**    7356012547 (Student Coordinator)  
    9745940766 (Joby Mathew, College Office)

As Part of



In the Context of



United Nations Sustainable Development Goal 4 :

## 2021-23 Batch Semester I

The activities of the Physical Science Department of P.K.M College of Education for the student teachers of 2021-23 batch had a marvelous start on 3<sup>rd</sup> November 2021.

An executive committee has been constituted as follows from the 2021-23 batch for the efficient functioning of the department.

<b>Teacher in-charge- Dr. Prasanth Mathew</b> Assistant Professor & Vice Principal Department of Physical Science		
<b>SI No.</b>	<b>Name of the student/s</b>	<b>Roles assigned</b>
1.	Ann Kurian	Class Representative
2.	Vaishak K, Maneesh P	ICT in -charge
3.	Christeena Raju, Maneesh P	Lab in-charge

### **COURSE INITIATION CEREMONY**

The course initiation ceremony was held on 8th November 2021. As a symbol of course initiation the teacher's handed over the ignited candles to the students. A brief description about all the teachers, nonteaching staff and college management was given on the same day.

### **INDUCTION PROGRAMME & BRIDGE COURSE ON 'TEACHER IN THE NEW NORMAL'**



'Teacher in the New Normal @ PKM' is a two-year curricular project (2021-2023) undertaken by P.K.M. College of Education, Madampam under Institution Innovation Council (IIC) and

Internal Quality Assurance Cell (IQAC) in the context of COVID-19. The curricular project aims to update and elevate the Knowledge, Skill and Attitude of the student teachers in order to make them competent enough to face the new challenging situations. The project focuses on four vital themes: *Coping with Challenges; Transforming with Changing Roles; Equipping with Competences and Seeking for Opportunities*. In keeping abreast with the fluid times, the college conducted the Induction Programme & Bridge Course for the academic year 2021-23 on the same theme from November 8-11, 2021, flagging off the visionary programme.

- Session 1- **Teacher in the New Normal: Coping with Challenges** headed by Mr. Nithin Nangoth, Recognised External Mentor
- Session 2- **Teacher in the New Normal: Transforming with Changing roles** headed by Mr. Jayadevan SK, Senior Lecturer, DIET, Kannur and Mr. EV Santhosh Kumar, Lecturer, DIET, Kannur
- Session 3- **Teacher in the New Normal: Equipping with Competences** headed by Mr. Diego Jolly Jacob, Head, On Air Promotion Dept., Surya TV
- Session 4- **Teacher in the New Normal: Seeking for opportunities** headed by Fr. Justin Johns Nellikunnel





## **SELF-EXPOSITION PROGRAM, ADAMAS 2021**



Self-Exposition program of Department of Physical Science was held on 02-12-2021 at 1.30 pm in general classroom. Ann Kurian of the Department of Physical Science, welcomed everyone to the program and briefly explained the theme- 'ADAMAS'. 'ADAMAS' is indestructible building block of diamond. Diamond is precious, strongest and hardest substance on the earth. It serves as the unbreakable symbol of strength. Likewise, ADAMAS will be a driving force for all the activities of the department throughout the year 2021-23.

The program throws light on the influence of online teaching practices during the COVID-19 pandemic in the lives of teachers and students. Department of Physical Science managed to create a classroom atmosphere and the impact of lockdown in children. Niha Pathmanabhan played the role of a teacher very well. The stunning representation of vlog anchoring by Christeena Raju brought novelty to the self-exposition program. Ahana Thomas exhibited her craft works in the classroom. Mandala art by Arya K I is also worth mentioning. Reels performance from Elsitta Jose and Ann Kurian was entertaining and grabbed interest. The melodious solo from Manisha P, mono act by Anand Ravi, artistic yoga performance by Vaishakh K and anchoring by Anjana Chandran added flavor to the program. The programs come to an end by the power packed dance performance by the whole class. Principal Dr. Sr. Jessy N C, Sr. Carolin and Dr. Jomol Jose commented on the program and appreciated the students on their marvelous performance.

## **TALENT'S DAY**



Talent's day **Dhwani 2K21** was conducted on 9<sup>th</sup> December 2021. Arya K I of Physical Science was selected as the program committee member. All Physical Science students participated in the program. Arya K I and Niha Padmanabhan, participated in the Thiruvathira. Christeena Raju was one of the members of Anchoring committee and also participated in Group Dance. Ahana Thomas participated in Margamkali and Group Dance. Elsitta Jose participated in Margamkali. Anand Ravi participated in Group Dance. Ann Kurian participated in Mime and Group Dance. Maneesha P participated in Margamkali, Duet Song, Group Dance, Nadanpatt and Ganamela. AnjanaChandran participated in the Group Dance. Vaishakh K operated the sound system for the program. In the end, Arya K I and Ann Kurian gave their view points of the event.

## STUDENT'S REPRESENTATION IN DIFFERENT CLUBS

- Ahana Thomas - Executive member of Maths club and Tourism club
- Anand Ravi- Convenor of Tourism Club
- Ann Kurian- Convenor of Bhoomithrasena Club and Executive member of Debate Club
- Arya K.I - Executive member of Debate club and Peace Forum
- Christeena Raju –Secretary of Debate Club and Executive Member of Tourism Club
- Elsitta Jose –Joint secretary of Maths Club and Executive member of Health and fitness Club.
- Manisha P- Convenor of Electoral Club
- Niha Padmanabhan- Executive member of Folklore club
- Vaishakh K –Joint Secretary of Health and fitness Club

## URJA KIRAN 2021-22

**P.K.M. COLLEGE OF EDUCATION**  
MADAMPAM, KAITHPARAM, KANNUR, 670631

ഉർജ്ജ കിരൺ 2021-22

**ഗോ ഇലക്ട്രിക് ക്യാമ്പയിൻ**

ഉർജ്ജ, കാർഷ്യവേഷിപ്പും ഉർജ്ജ, സംരക്ഷണവും:  
സോഡിയംകരണ കൂട്ടൽ, ഉർജ്ജ, സംരക്ഷണ റാലി, പ്രതിഷേധം, ബ്ലാഗ്സെമിനാർ  
2021 ഡിസംബർ 4 | അതിരാവിലെ ഉച്ചയ്ക്ക് 1:30 ന് | അലക്സാണ്ടർ സന്യാസ് സർവ്വകലാശാലയുടെ ഹാളിൽ

ഇടപെടണം

**അഡ്വ. സജീവ് ജോസഫ്**  
എം.എൽ.എ., ഇൻസ്പെക്ടർ

സത്യൻ സർവ്വകലാശാലയുടെ | പ്രതിഷേധം, സമരങ്ങൾ 16-ആം വാർഡ് എം.സി.എസ്. |  
എനർജി ലാബോറട്ടറി സെന്റർ, കോള

emc | ENERGY IS LIFE | CEO | 75th Anniversary



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 4<sup>th</sup> December 2021, Saturday at Sathyan Smaraka Vayanashala hall, Alex Nagar. Dr. Prasanth Mathew (Assistant Professor, Physical Science, P.K.M. College of Education, Madampam) acted as Staff Co-ordinator and Physical Science students Mr. Anand Ravi, Ms. Arya.K.I. acted as Student Co-ordinators of the program. The program started at 2 pm with energy awareness class on the topic 'Energy Efficiency and Conservation'. Classes were taken by Mrs. Ashlin Raj (EMC Resource Person) and Mr. Abin Jose (EMC Resource Person) through PPT presentations and videos. After the class doubt clearance was done. The official inauguration program started at 3 pm. Sathyan Smaraka Vayanashala Vice President, Mr. Sunil Kumar welcomed the gathering by presenting them with LED bulbs. Dr. Jessy N C, Principal, PKM College, presided over the function. Irikkur constituency MLA, Adv. Sajeev Joseph officially inaugurated the program. Sreekanthapuram Municipality Education and Standing Committee Chairperson Mrs. Thressiamma Mathew addressed the program. P.K.M College student council chairman Mr. Sayooj V V delivered vote of thanks. Lucky winners from the participants were gifted with LED bulbs. Thereafter MLA Adv. Sajeev Joseph inaugurated the signature campaign. Under the leadership of Student Co-ordinator Arya K I, pledge was taken. Then MLA flagged off energy conservation rally. The students of P.K.M College presented a flash mob. Posters and trolls made by students of P.K.M College were also displayed at the event. 45 general public, 5 teachers and 41 students participated in the program.

### **URJA KIRAN-PERAVOOR CONSTITUENCY-2021-22**

Anand Ravi, first-year B.Ed. Physical Science, acted as Observer in the Urja Kiran Program conducted at Peravoor Constituency on 13<sup>th</sup> December 2021.

## NATIONAL ENERGY CONSERVATION DAY



National energy day conservation was observed at the general hall of P.K.M College of education, Madampam on 14<sup>th</sup> December, 2021 at 9:30 am under the guidance of Dr. Prasanth Mathew, Assistant Professor, Department of Physical Science and collectively directed by Ms. Ahana Thomas and Ms. Anjana Chandran. The program started with a welcome address by Ms. Elsitta Jose. Student teacher of Department of Malayalam, Mr. Jishnu T P scripted and directed the street play which was performed by all the students of Physical Science department. Under the leadership of Ms. Ahana Thomas and Mr. Vaishakh K the students were introduced to LED construction techniques. The program ended with a vote of thanks by Ms. Anjana Chandran.

## CHRISTMAS CELEBRATION



Christmas was grandly celebrated on 23<sup>rd</sup> December 2021 titled '**A December to Remember**'. Our vibrant Christmas papa was Ms. Maneesha P and anchoring was done by Ms. Ann Kurian. All students from various departments actively participated in Christmas card making competition. Students from Physical Science got first prize in Christmas tree making competition. Ms. Ahana Thomas and Ms. Elsitta Jose won 1<sup>st</sup> and 2<sup>nd</sup> prize in mask making competition respectively. In addition, Ahana Thomas and Elsitta Jose got 3<sup>rd</sup> prize in star making competition. Energetic dance performance by Ahana Thomas, Christeena Raju, and Elsitta Jose is worth-mentioning.

## COLLEGE UNION ELECTION AND OATH TAKING CEREMONY

The official declaration and oath taking ceremony of the college union members of P.K.M College of Education for the academic year 2022-23 was held on 28<sup>th</sup> January, 2022 at College Auditorium. Four students from Physical Science Department were elected to the college union. Mr. Anand Ravi elected as the University Union Councilor, Ms. Maneesha. P as the Fine arts secretary, Mr.Vaishakh K as the General Captian and Ms. Ann Kurian as the Class Representative of Physical Science.

## COLLEGE UNION AND FINE ARTS DAY INAUGURATION - PRAYANA 2K22



Inauguration of the College Union and Fine Arts Club 'Prayana 2K22' was held on 14<sup>th</sup> February 2022 at PKM College Auditorium. The programme was started at 11.00 am with a prayer song. Ms. Maneesha P the fine arts secretary delivered the welcome speech. Presidential address was given by College Union Chairman Mr. Hrishikesh Babu. Renowned musician and teacher Mr. Unnikrishnan Payyavur was the Chief Guest and delivered the inaugural address. Dr.Jessy N.C, College principal , Fr. Philip Ramachanatt, College Local Manager, Dr. Sholy Joseph, Staff coordinator and Sayooj V.V, Senior Representative give out the felicitation

address. Joint Secretary. Mr. Jomal Joy thanked the audience and the programme ended by 1.00 pm. Various cultural programs were held in the afternoon session.

## **ARTS FEST - IRAMBAM 2K22**

The Arts fest for the academic year 2021-2022 '**Irambam 2022**' was conducted on 18<sup>th</sup> February 2022 at PKM College Auditorium. All the Physical Science students actively participated in both offstage and on stage items.

### Individual achievements

Ann kurian - English Recitations - 1<sup>st</sup> prize

Elocution English - 2<sup>nd</sup> prize

Anand Ravi - Monoact - 1<sup>st</sup> prize

Arya. K. I - Kavitha rachana - 2<sup>nd</sup> Prize

Maneesha. P - Malayalam Recitation - 1<sup>st</sup> prize

Light music- 3<sup>rd</sup> prize

Ahana Thomas, Anand Ravi, Arya. K. I, Anjana Chandran, Ann kurian, Christeena Raju, Elsitta Jose, Maneesha P, Niha Pathmanabhan, Vaishakh. K got different prize in different group items.



## **INTER B.ED. SPORTS COMPETITIONS**



P. K.M. College of Education performed well in the various Inter B.Ed. Sports Competitions during the academic year 2021-2022. Students from Physical Science department actively participated in all the competitions and played a crucial role in its success. P. K. M. College of Education won in the Men's Volleyball, Table Tennis, Women's Throwball Competition and secured second runner up in Athletic Meet. Ahana Thomas, Anjana Chndran, Anand Ravi, and Vaishakh K participated in the Inter B.Ed. Badminton competition held at Kuthuparamba Indoor stadium, organized by Crescent College of Education, Madayipara on 22-02-2022. Mannesha P represented the department in both Table Tennis and Throwball Competition and Vaishakh K in Men's Volleyball team.

## **ANNUAL ATHLETIC MEET**



College Annual Athletic Meet was held on 05-03-2022 at Meryland School ground. Students from Physical Science department actively participated in the athletic meet. Anand Ravi got third prize in the shuttle relay; Vaishakh K got second prize in the relay competition. Ms. Anjana Chandran from Physical Science department secured Individual Championship in the Annual Sports Meet.

## **POST COVID FITNESS TRAINING PROGRAM**

Department of Physical Education and Health and Fitness Club of P. K. M. College of Education organized a Post Covid Fitness training program at St. Thomas UP School Perikkaloor on 07-03-2022 and St. Anne's EM School, Vellumunda on 14-03-2022. The program was headed by Maneesha P, Ahana Thoms and Elsitta Jose, students representatives of Physical Science department, under the Zumba trainer Sreejith K, Assistant Professor, School of physical education and Sports Science, Kannur University.



## **NATIONAL LEVEL WEBINAR AND PAPER PRESENTATION COMPETITION ON ‘SCIENCE FOR SUSTAINABLE FUTURE’**

As part of National Science Day, Department of Physical Science has decided to conduct a two-day National Webinar on 27<sup>th</sup> February 2022 and National Level Paper Presentation Competition on 28<sup>th</sup> February 2022. An organizing committee was selected and the members were Dr. Jessy N.C (Convener), Dr.Prasanth Mathew(Programme Coordinator), Ms.Niha Padmanabhan(Student Coordinator), and Ms.Elsitta Jose(Student Coordinator).

On the first day of programme (27<sup>th</sup> February 2022), National Webinar was conducted at 3.00pm virtually through google meet platform. The programme started with a prayer. Student coordinator, Ms.Niha Padmanabhan welcomed everyone to the gathering. Dr.Jessy N.C head of the institution, delivered presidential address. Dr.M.K Satheesh Kumar, Visiting Scientist of Manipal Academy of Higher Education inaugurated the Webinar and delivered an inaugural address on the topic “Raman Effect: A Giant Leap for Science in India”. The talk was both simple in words and concept so that it effectively reached the participants of different disciplines. The webinar was dealt on Raman Effect and development of Indian science and technology. The webinar also described about history of different scientists and various science institutes of India. An interactive session was held which was very active and live.Presentation of the Technical Session was given by Prof. Kana.M.Sureshan, Dean of IISER Trivandrum. He mainly dealt with the topic “Science and Society”. It was followed by an interactive session. The result of preliminary round of paper presentation competition was announced in between the programme. The programme came to an end with the vote of thanks proposed by Ms.Shyona Stephen. The whole programme was announced and embellished by Ms.Christeena Raju, Ms.Saranya.L and Ms. Aswathy.N.V.

National Level Paper Presentation Competition was held in two stages: preliminary round and final round. 15 selected papers from the preliminary round were presented in the final round on 28<sup>th</sup> February 2022, in the Auditorium of PKM college of Education, Madampam. Around 15 Teacher Students presented their paper in the competition. The session was chaired by Mrs. Vismaya, faculty member of P.K.M College of Education. Dr. Uma Nambiar, renowned academician and Mr. John.P.T, former Librarian of P.K.M College of Education,were the members in the judging panel.A documentary was presented and the programme came to an end with a valedictory session. The programme started with a prayer. Student coordinator, Ms.Elsitta Jose welcomed everyone to the gathering. Dr.Prasanth Mathew, Vice Principal of the institution, delivered presidential address. Valedictory address was delivered by Dr.Uma Nambiar and Mr.



John.P.T felicitated over the programme. Ms.Christeena Raju presented the report of the programme and feedback note was delivered by Ms. Karishma Suresh. “Best Paper Award” and “Best Paper Presenter Award” were declared by Dr.Prasanth Mathew. Dr.Jessy.N.C distributed Certificates to the participants and Ms.Delna.T.S delivered the vote of thanks. The whole programme was announced by Ms.Rosha.B.Roy.



### Participaion Details

Sl. No.	Content	Number
1	<b>No. of participants in National Webinar</b>	101
	1. Student teachers from P.K.M College of Education	90
	2. Student teachers from other Colleges	7
	3. Teachers from P.K.M College of Education	3
2	<b>No. of participants in Paper Presentation Competition</b>	65
	1. Student teachers from P.K.M College of Education	57
	2. Student teachers from other Colleges	8
3	<b>No. of research papers presented</b>	47
	1. From P.K.M College of Education	40
	2. From other colleges	7

### Awards

Sl. No.	Award	Name of Student	Institution
1	<b>Best Paper</b>		
	1. Science stream	Anjana. T	P.K.M College of Education, Madampam
	2. Language/Humanities stream	Vishnu Prathap.M	P.K.M College of Education, Madampam
		Alex Baby	P.K.M College of Education, Madampam
2	<b>Best Paper Presenter</b>		

1. Science stream	Harsha Santhosh	P.K.M College of Education, Madampam
	Elsitta Jose	P.K.M College of Education, Madampam
	Mariza Markose	P.K.M College of Education, Madampam

## WOMEN'S DAY

Women's day celebration named 'Athijeevitha' was held on 8<sup>th</sup> March 2022 at college auditorium. Various programmes were arranged as a part of women's day. Ms. Christina Raju from physical science department participated in the Miss PKM competition held on 7<sup>th</sup> march. Mr. Anand Ravi, Ms. Elsitta Jose and Ms. Niha Padmanabhan were participated in the letter writing competition as a part of it. Anand Ravi and Vaishakh K were the food committee members and Ms. Ann Kurian was the in-charge of various competitions held as part of Women's Day. Also, there was an exhibition named **Pennidam** and the physical science department exhibited charts based on women rights.

## യുദ്ധംവേണ്ട, സമാധാനംമതി - ഉപവാസസംഗമം

People's Movement for Peace conducted a one-day fasting protest against war, in the context of the Ukraine-Russia War at Mahathma Mandir, Kannur on 10<sup>th</sup> March 2022. Physical Science students, Mr. Vaishakh.K and Mr. Anand Ravi participated in the fasting.

## TEACHING EXPERIENCE

Mr. Anand Ravi of Physical Science worked as a guest teacher at Marygiri English Medium School, Podikkalam for one day, ON 15<sup>TH</sup> MARCH 2022.

## INTER-DEPARTMENT COMPETITIONS

The student-teachers of Physical Science actively participated in the Inter Department Competitions conducted by various optionals in the first semester of the academic year 2021-23. Arya K I and Niha Padmanabhan secured 1st prize in the 'Guess me ' competition conducted by Mathematics optional. Christeena Raju and Anjana Chandran competed against many participants to emerge as the winners of online quiz competition jointly organized by Mathematics department and Mathematics club. Niha Padmanabhan unleashed her writing skills to secure a second place in the letter writing competition held as part of the letter writing day conducted by English optional.. Ahana Thomas and Elsitta Jose participated in the star making and mask designing competition and has secured the prizes. Physical Science optional were able to exhibit their team spirit when they raised the first prize in the tree making competition conducted to mark the Christmas celebration of 2021. Elsitta Jose and Saranya L (2nd year student) jointly participated in the Pi day Treasure hunt held by Mathematics optional were they fiercely and intellectually fought against other optional team members to become the champions. Apart from these contests, student-teachers ensured their presence in many competitive fields such as debate, wetland day competition, women's day letter writing contest, and photography competition to showcase and hone their skills.

## RESEARCH PAPERS BY STUDENT TEACHERS

- (1) **National Level Paper Presentation Competition** organized by **Society of Innovative Researchers and Academicians (SIRA)** for college/university students December 2021
  - Title of Paper- **TEACHER IN THE NEW NORMAL: A CURRICULAR PROJECT IN THE POST-COVID CONTEXT**
  - Authors- **Dr. Prasanth Mathew<sup>1</sup>, Ms. Ann Kurian<sup>2</sup>**  
*<sup>1</sup>Assistant Professor in Physical Science and Vice Principal, P.K.M. College of Education*  
*<sup>2</sup>B.Ed. Physical Science, 2021-23 batch, P.K.M. College of Education*
- (2) Paper submitted for publication in **Edu-TRACE** (A Journal of Educational Researches and field Innovations with ISSN), District Institute of Education and Training (DIET)
  - Title of Paper- **TEACHER IN THE NEW NORMAL: CONCEPTUAL MODEL FOR TEACHER EDUCATION INSTITUTIONS**
  - Authors- **Dr. Prasanth Mathew<sup>1</sup>, Ms. Ann Kurian<sup>2</sup>**  
*<sup>1</sup>Assistant Professor in Physical Science and Vice Principal, P.K.M. College of Education*  
*<sup>2</sup>B.Ed. Physical Science, 2021-23 batch, P.K.M. College of Education*
- (3) **National Conference on NEP 2020: Towards Transforming Teacher Education** organized by **Regional Institute of Education, NCERT Bhubaneswar** on 24<sup>th</sup>, 25<sup>th</sup>, 26<sup>th</sup> February 2022
  - Title of Paper- **TEACHER IN THE NEW NORMAL: CONCEPTUAL MODEL FOR TEACHER EDUCATION INSTITUTIONS**
  - Authors- **Dr. Prasanth Mathew<sup>1</sup>, Ms. Ann Kurian<sup>2</sup>**  
*<sup>1</sup>Assistant Professor in Physical Science and Vice Principal, P.K.M. College of Education*  
*<sup>2</sup>B.Ed. Physical Science, 2021-23 batch, P.K.M. College of Education*
- (4) **International Symposium on ‘Deliberations on Rethinking the Environment :Sustainability in Modern Era’** organized by **Delhi Metropolitan Education, Noida** on 25<sup>th</sup> and 26<sup>th</sup> March, 2022
  - Title of Paper- **CARE OUR EARTH- An Initiative of Teacher Education Institution for Attaining UN SDGs**
  - Authors- **Sr.Caroline FCC<sup>1</sup>, Ms. Ann Kurian<sup>2</sup>**  
*<sup>1</sup>Assistant Professor in Malayalam, P.K.M. College of Education*  
*<sup>2</sup>B.Ed. Physical Science, 2021-23 batch, P.K.M. College of Education*



**COLLEGE DAY**



The college day '**Aarattu 2022**' was held on 23<sup>rd</sup> March 2022. It was inaugurated by Dr. Francis Karackatt, Principal, Don Bosco Arts and Science College and keynote address was given by Mr. Devikiran. The whole day programme was organized under the leadership of college union. All students from physical science department and other departments actively participated in the cultural events.

### **FAREWELL**

The farewell program for the student teachers of academic year 2020-2022 titled '**Kickoff**' was held on 31<sup>st</sup> March 2022. A lot of tasks for seniors were arranged through a skit. All students actively cooperated with that and also arranged a secret alley and a video presentation of their college memories. The program ended with festival of love and colours.



**DEPARTMENT OF PHYSICAL SCIENCE  
2020-22 BATCH**