



P.K.M. COLLEGE OF EDUCATION

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PROGRAMME PORTFOLIO

DEPARTMENT OF PHYSICAL SCIENCE 2016 - 18



Report of class activities

Semester -1

The first semester classes for two year B.Ed programme, 2016-18 batches, began on 18 July 2016. In addition to the regular practices/experiences of the curriculum the following innovative practices were organized during the first semester.

ORIENTATION

We started our B Ed programme officially on 21/07/2016; according to the instructions given by Dr.Prashanth Mathew we started collecting text books of 8,9,10standard. For the effective transaction of learning materials we made an e-mail id.

EXPLORING THE BASIC SCIENCE (Quiz competition)

In order to familiarise with high school science texts we conducted quiz programmes on 26, 27, 28, and 29 July 2016.

SELF EXPOSITION

Self-exposition of the Physical Science department was conducted on 4th august 2016. Each member of the class participated in the programme and was a successful one. We got good appreciation from all.

GREAT SCIENTISTS (A presentation regarding great scientists)

The members of the class are divided into groups and presented a seminar on Ancient scientists, World famous scientists, Nobel Prize winners and Women scientists.

HIROSHIMA –NAGASAKHI DAY REMEMBRANCE

According to the instructions given by the principal, physical science students took leadership on the programme. We made placards and slogans for the procession. We conducted the procession very successfully.

FILM SHOW

In order to understand the significance of asking questions especially in Science classrooms, the Malayalam movie titled “101 chodhyangal” was shown in classroom using projector. The movie depicts the importance of asking questions.



INDUSTRIAL VISIT

In order to understand various technical processes in the making of paper glass, we made a visit to Sprout paper glass making factory at Thumbeni on 16 August 2016.

MID TERM EXAM

Midterm examination was conducted on 26 and 27 September 2016.

PRE CONFERENCE

A pre conference was decided to conduct on the topic “Science has its own culture” with Dijina VV and Sharanya M P as the coordinators. Pre-conference sessions were held on 6th October 2016, discussing about the new perspectives of science culture. All the members of the class discussed their own views regarding science culture.



CELEBRATIONS

Birthday of each student is important and it was decided to celebrate birthdays, giving surprise to make them feel special on the special day. It was really a surprise to us also; because Anie ashly and our sir celebrated their birthdays on the same day that is on 24th October.



FIELD TRIP

The students of physical science department conducted a field trip to Pilikkula regional science park and Pilikkula biological park, Mangalore on 29th October. The trip was rally informative and interesting.



SCIENCE FAIR

The students of physical science and natural science rendered service as officials in kannur district science fair on 11th November 2016. It was a special to us all.



OTHER INNOVATIVE PROGRAMMES

1. Bio data

A bio data was made by each student, including their educational qualifications, which has to be updated accordingly.

2. Facility visit

A facility visit programme was held, introducing the facilities available in the college to all students for their easy accessibility.

3. Interdisciplinary class

Interdisciplinary classes were held on 2nd and 4th November. The students of English department were came to Physical Science classroom on 2nd November and discussed about the theories of learning and models of teaching. Then we went to their class on 4th November for experiencing the association programme, BRAVO.



4. Answer bank

An answer bank was prepared, which is a collection of best answers to the topics in the first semester syllabus. The processing of the book included steps like regular classroom discussions of each topic along with referring of various authentic books and online resources, and finally the identification of the best answers.

ROLES ASSIGNED

1. Class representative : Sruthi MV
2. Account Managing : Swathi Sree C
3. Coordinators of conferences : Sharanya MP and Dijina VV

4. Answer bank : Aleena K Raju

5. Union members

i) Vice chairman : Anie ashly Jose

ii) Class representative : Ashna PV

Report of class activities

Semester-II

The second semester classes for two year B.Ed programme, 2016-18 batch, began on 16th December 2016. In addition to the regular practices/experiences of the curriculum, the following innovative practices were organized during the second semester.

ORIENTATION

The class began with the discussion on first semester examinations and the difficulties faced during the examinations. Then we started our new semester with syllabus discussion.

NEW YEAR CELEBRATION AND RELEASING OF SCIENCE CALENDER

The New Year was celebrated on 6th January 2017 at PKM College of education. A power point presentation was made on the topic INNOVATIONS IN SCIENCE AND TECHNOLOGY, 2016, and was presented by Ashna PV on this celebration. The students of physical science made a digital science calendar and released it on New Year celebration by staff adviser Dr. Veena Appukkuttan. The use of digital technology in the making of science calendar was a challenging problem to us and we made it successful and got great appreciation from all.



ASSEMBLY

The morning assembly was conducted once by the students of Physical Science. The assembly was led by Sharanya. We made the assembly different by including a science show conducted by Ashna PV and Aleena k raju which got great appreciation from all.

OBSERVANCE OF SCIENTIFIC DAYS OF IMPORTANCE

1. NATIONAL SCIENCE DAY

National science day celebration was conducted on 27th February 2017 with a state level seminar on creating inclusive school sponsored by KSCSTE and supported by DST. The students of physical science put great effort in making this day celebration successful. The most memorable event of this day was the interaction with the children from special school.



URJA KIRAN

Aleena K Raju and Anie Ashley Jose were authorized to attend a workshop on energy conservation titled “UrjaKiran” on January 2nd and 3rd 2017 held at Trivandrum. UrjaKiran is the Energy Conservation Awareness Campaign (ECAC) conducted by Energy Management Centre and Centre for Environment and Development. A project proposal was sent by the students of physical science with an objective to make public aware of energy conservation. The public awareness programme and the seminar supported by Energy Management Centre and Centre for Environment and Development were conducted on 2nd February 2017 at St. Anne’s parish hall Payyavvoor.



SCHOOL ACCLIMATIZATION PROGRAMME

A teacher has to be good in content transaction by means of appropriate methodology. At the same time she cannot be ignorant to other aspects like conduct of administrative activities, understanding learners etc. The two year B.Ed course thus included a one week school acclimatization programme for the student teachers and was held on February second week. The each student of physical science was allotted to different schools and we completed our programme successfully.

PAPER PRESENTATION IN NATIONAL SEMINAR (St. Thomas College of teacher education, Pala)

Aleena K Raju and Stefeena Rose were credited with the opportunity to attend the UGC sponsored two day national seminar on **BEHAVIOUR MODIFICATION: A PSYCHODYNAMIC APPROACH TO MALADJUSTMENT IN ADOLESCENT**, held on 19th and 20th January 2017, organized by St. Thomas College of teacher education, Pala. They presented a paper titled '**Generating intrinsic motivation to learn science**'. The paper delineates the importance of intrinsic motivation in science learning. The paper was published in the proceedings of the conference (ISBN: 978-81-927201-5-9)

PAPER PRESENTATION IN NATIONAL SEMINAR (PKM College of education, Madampam)

PKM College of education, Madampam has got the opportunity to conduct the UGC sponsored two day national seminar on **TOMORROW'S CLIMATE, TODAY'S CHALLENGE: CLIMATE CHANGE EDUCATION FOR SUSTAINABLE DEVELOPMENT**, held on 16th and

17th March 2017. Aleena K Raju and Anie Ashly Jose from physical science option were selected to present their paper titled '**Behavioral modification through environmental education**'. The paper explains the importance of environmental education in behavior modification.



CELEBRATIONS

Birthdays of each student are important and we decided to celebrate birthdays, giving surprise to make them feel special on the special day. In second semester we got the opportunity to celebrate birthdays of Libia James, Laya and Dijina. We celebrated Labia's birthday on 4th January 2017, Laya's on 11th February 2017 and Dijina's on 24th February 2017. On this day special wishes and gifts were given to them.





**DEPARTMENT OF PHYSICAL SCIENCE
2016-18 BATCH**