

Association report 2017-2018

BEATS



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INTRODUCTION

The Department of Physics of Baselius College had its humble beginning on 15th November 1995 by the introduction of undergraduate programme. Later Post-Graduate programme was introduced in the year 1998. Apart from this to add the golden feather to the achievements of the department we were granted with a Research Centre in the year 2014. From then onwards the activities of the Department were under the association named 'BEATS'. The association activities promotes the students in their curricular as well as their co-curricular activities. Various workshops, seminars, symposium etc on various topics develops students both intellectually and scientifically. This year being the 22nd year of achievements, association activities were in its peak. This year the teacher in charge of the association was Assistant Professor Neha P R and the student secretary was D3 student Philip Abraham.

ASSOCIATION INAUGURATION

We the Department of Physics had its humble beginning of its association for the year 2017-2018 on 21st July 2017. The inaugural function of department of physics 'BEATS' was held in Dr.A.P Mani Media Centre at 2pm. Association in charge Prof. Neha P R welcomed the gathering. Our Chief Guest Dr. Watson . P . Varicattu the senior astronomer at UKIRT lighted the lamp and held the session on 'Modern Astronomical Telescopes'. The Presidential address was given by the Head of the Department Dr. Sindu Jones. Our principal Dr. Jancey Thomas felicitated the function. Association secretary Philip Abraham of D3 physics delivered the vote of thanks.



COMEMMORATION MEETING

Department of Physics held a meeting in the commemoration of the three eminent scientists of India named Prof. Yashpaal, theoretical physicist, Dr. U. R. Rao, the former chairman of ISRO and Dr. A. P. J Abdul Kalam, the former President of India on 27th July 2017 in Dr. A P Mani Media Centre at 12.00pm. The head of the Department Dr. Sindu Jones lead the commemoration function.

Ms. Ashlin Jacob of D3 physics presented a power point on the achievements and contributions of these three eminent scientists. Thereafter a quiz competition was conducted to celebrate 'Moon Landing Day'.



HIROSHIMA-NAGASAKI DAY

In the remembrance of the 72nd year of Hiroshima and Nagasaki Day, poster designed by the students of the department of physics was exhibited on 9th August 2017 at 11.00 am.



SUSAN MEMORIAL QUIZ COMPETITION

We proudly conducted Prof. Susan John K Memorial 10th All Kerala Inter-collegiate Physics Quiz Competition on 22nd August 2017. This prestigious quiz competition was held at Mrs. Mammen Mappila hall of Baselius College at 10.00 am.

A commemoration meeting was held which was presided by Dr. Sindu Jones, the Head of the Department and she shared her experience with this enthusiastic and vibrant teacher. The session was led by Prof. Dr. Issac Paul, Head of the Department of St. Berchman's College Changanassery. There was a session of prelims in which five teams among 23 groups were selected for the finals that was conducted in the afternoon.

First prize of Rs. 3000 and an ever-rolling trophy was secured by Sebin Joseph and Nikhil Mohan of St. Berchman's College Changanassery. Second prize of Rs. 2000 was secured by Danny Rose J and Nimmy Sarah Alex of Assumption College and the third prize of Rs. 1000 was secured by Sanjay Sabu and Akash T Shaji of Govt. College Nattakom.





ONAM CELEBRATION

Onam, the festival of happiness and prosperity was celebrated by our Department on 31st August 2017. The celebration began by preparing the 'Pookalam' with the active participation of all the students from the department. We secured second position for the inter-departmental

'Pookalam' competition. For the 'Kerala Sreeman' and 'Sreemathi' competition, student representatives Sreehari Mohan of D3 physics and Annu of D2 physics participated respectively. We celebrated Onam to it's fullness by sharing 'Onasadhya' with our teachers and students of our department. Advanced wishes were extended by our teachers.



IISER OUTRICH PROGRAMME

An outreach programme from the various departments of IISER was held in our college on 19th September 2017 in Mrs. Mammen Mappila Hall for the awareness of the facilities of IISER and it's influence over the students. Dr. Ravi Panatt, faculty of department of physics of IISER monitored by the session for the physics students. It was indeed a helpful session which gives an entire outlook of IISER.



D1 ORIENTATION

To channelize the enthusiasm of the new curious mind-the first year students of our department we conducted an orientation class held on 6th October 2017 which was led by Sister Liza. The class was so motivational and helped the students to focus on their goals. That was a perfect beginning for D1 students for the heading academic sessions.



SPACE WEEK

We had conducted a quiz competition on 31st October 2017, as the part of Space Week celebration of October 10 to 23. We had participants from various batches of our department. Winner of this competition is Sreelakshmi R of D1 physics, second and third prize is awarded to Arjun Manoj and Aiswarya Ambady of D1 physics respectively.



INCEPTION DAY

Our department had its beginning on 15th November 1995 and we had its 22nd inception day celebration on 10th November 2017 at 11.00 am. Official beginning of the gathering was addressed by The Head of the Department Dr. Sindu Jones. To cherish the memories we had the presence of our senior

retired teachers Prof. V V Mathew, Prof. Major K Mathew and Prof. Varughese John who shared their experiences in the department. And once again the joy was recreated by cutting and sharing of the cake. We honoured our senior teachers who had played the roles of building this department to heights by presenting them with ponnada. Our Principal in charge Dr. Jancey Thomas shared her experiences about physics during her studies and she quoted that “Who we are is determined by whom we surrounded with”. And at last vote of thanks was delivered by the association secretary Philip Abraham of D3 physics.





CKK LECTURE SERIES

The first lecture series of CKK which was conducted by monthly was held on 10th November, 2017. Dr. Varughese John and Prof. V V Mathew, retired senior teachers of our department lead the class. The aim of the lecture series was to mentor and motivate the upcoming post-graduate physics aspirants. The session was an ice-breaking and warming for the students to vision a better.



POWER POINT PRESENTATION COMPETITION

We proudly conducted Prof. V. John Memorial 2nd All Kerala Inter-Collegiate Power Point Presentation Competition on 28th November, 2017. This was held at Mrs. Mammen Mappila Hall of the college at 10.00 am. Thirteen groups from various colleges had participated in the competition. Dr. Nibu A George and Blesson George judged the competition. A commemoration meeting was held at the end of the competition which was presided by Dr. Sindu Jones, The Head of the Department. Blesson George delivered an evaluation speech regarding the competition. Tharun C Abraham, former student of Prof. V John shared his experience and memories with us.

First prize of cash prize worth Rs.2000 was secured by Mathew of St. Berchman's College, Changanassery and Second prize of Rs.1000 was secured by Jensal Thomas and Amith Kumar M of St. Thomas College Pala.

All participants were awarded by the participation certificates.





STUDY TOUR

The students of third year went for a study tour on 1st December, 2017 and visited the places Coorg and Malpe in Karnataka. It was for three days and two teachers from the department accompanied them. It was a nice experience for the students.



CAREER GUIDANCE

For the students of third year batch of our department, a career guidance programme was conducted on 13th December 2017 at 2.00 pm in the computer lab of the department. It was lead by Dr. Nibu A George ,Assistant Professor of our department. The session gave an awareness of different types of courses after the degree course. Also he explained about the opportunity of the courses, its fee structure and also about the top institutions where the courses are available. This helped the students to chose the correct path in their future.



CHARITY AND CHRISTMAS CELEBRATION

We the students of the department of physics had visited an old age home named 'ABHAYA BHAVAN' on 20th December 2017. We celebrated our Christmas with them. We cut the Christmas Cake with them and did many cultural activities. We gifted them a big star which was created by our students itself and it hanged there. It was a happiest moment for all of us and they also enjoyed lot.





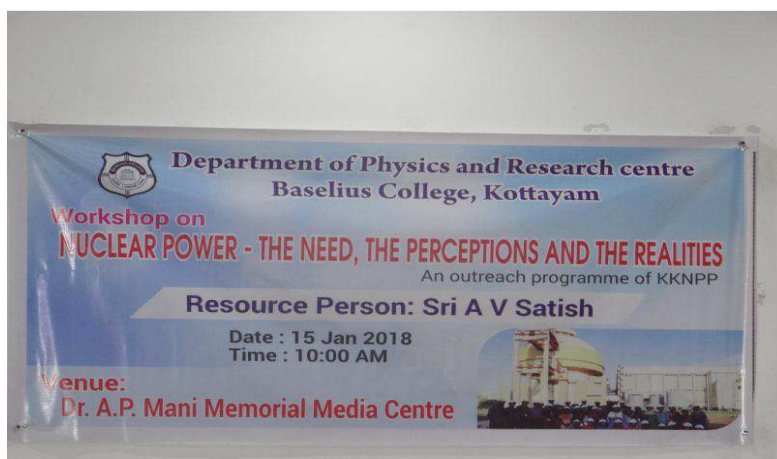
SECOND CKK LECTURE SERIES

The second CKK lecture series was held on 15th January ,2018. Major K Mathew, the former faculty of the department lead the class. The aim of the class was to make aware of the C++ program language among the students. And without any doubt, he explained the language in an easy manner.



WORKSHOP

A workshop on the topic 'Nuclear Power Plant' was conducted by the department on 15th January, 2018 in A P Mani Media Centre. The session was lead by Sri. A V Satheesh. This helped the students to know more about the nuclear technology and it's merits for the production of energy. Also he cleared the doubts of students about the after effects of nuclear power plants.





SKYWATCH

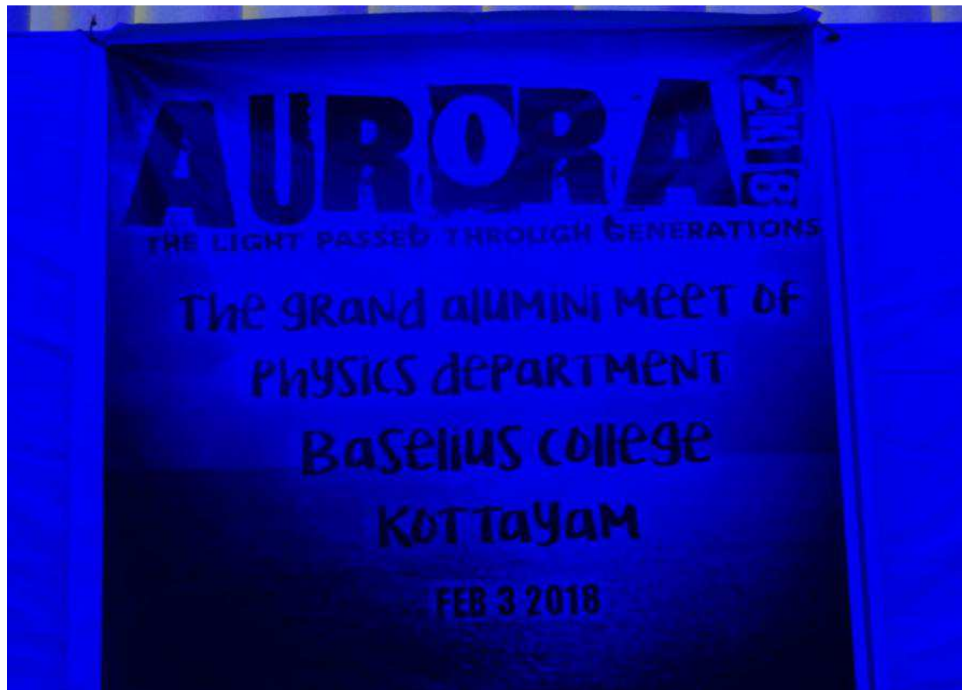
On behalf of the 'Blue Moon Day', a sky watch was organised by Breakthrough Society at Erayilkadavu to watch the blue moon on 31st January, 2018. We the students of physics department take part in this event. It was a special day in which the three phenomena 'Blue moon', 'Red moon' and 'Lunar eclipse' occurred which was after 150 years. The students observed the

special moon through the telescope and was a very special experience for the students.

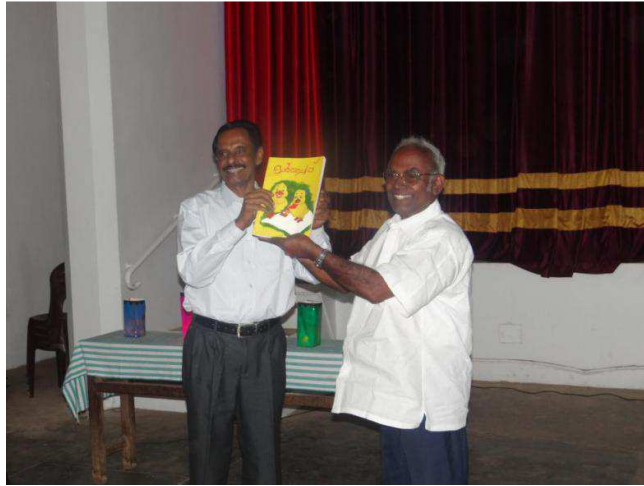


ALUMINI FEST

A get-together of the physics family was held on 3rd February, 2018 in the College Auditorium. Former teachers, students shared their experience and memories with us. Various cultural activities were done by the students and we shared the love with the food feast. The creativity of the students in the form of story, poem, art etc was joined together and created a 'Kayezhuthumasika' and it was released on this day by the former teachers of our department. Special memento was awarded to the students who secured rank in university examination last year.









NATIONAL SCIENCE DAY CELEBRATION

National Science Day which is celebrated in India with great enthusiasm each year to mark the discovery of the Raman Effect by Indian Physicist Sir. Chandrashekara Venkata Raman on 28th February, 1928 was also celebrated by our department on 28th February, 2018.

A workshop on 'Science for Solving Environmental Issues' was conducted by the department on the day in A P Mani Media Centre at 2.00 pm. It was led by Dr. Shaju Thomas who is the Head, Division of Environmental Education and

Conservation, Tropical Institute of Ecological Sciences.

This day celebration spreads a message about the significance of scientific applications in the daily life of the people. The workshop helped the students to give a definition to science, to understand the value of science and inspired them to make revolution in science.

A valedictory meeting of the association was also held on the same day after the workshop. Association Secretary Philip Abraham presented the Annual Report of the Physics Association 2017-2018.





COMEMMORATION MEETING

A meeting was held on 16th August 2018 at Dr. A. P Mani Media Centre in the commemoration of Stephen Hawking, who was a British scientist, professor and an author who performed groundbreaking work in physics and cosmology and whose books helped to make science accessible to everyone. At age of twenty one, while studying cosmology at the university of Cambridge, he was diagnosed with amyotrophic lateral sclerosis. The meeting was presided by Dr. A Rajagopal Kamath and Dr. C.S Menon delivered the commemoration speech.



