

PHYSICS ASSOCIATION REPORT 2017-18

- Association Inauguration
- PG Student Seminar
- Regional workshop on Innovations in Physics
- National Science Day Celebration

Association Inauguration

The most awaited Inaugural function of our association of the year 2017-2018 was held on 2nd November 2017 in our seminar Hall. The meeting started with a prayer song.



Our Chief guest was Dr. Senoy Thomas, Assistant Professor, Department of Physics, CUSAT. Prof. Anju Joseph, HOD in-charge delivered a warm welcome speech. She introduced our chief guest cited some of his achievements. Our principal in charge Prof. Nancy Kuriakose presided the meeting. The event was formally inaugurated by lighting of kuthuvilaku by the chief guest in the presence of principal, HOD , students and other staff members of our department. Dr. Senoy Thomas is an alumina of our department. In his inaugural address he tried to motivate our students to come forward to the field of research and advised the students to utilize the association to develop their skills. Also he shared some of his sweet memories about the department. Association secretary Aravind S of II DC Physics read the annual report of the association activities for the academic 2016-2017. Dr. Suresh M.K. delivered the felicitation. In his speech, he enlightened the minds of the young hearts by delivering the speech based on opportunity in Physics. This was followed by vote of thanks by Prof. Soumyamol K S.



After the inaugural meeting Dr.Sinoy Thomas delivered a talk on Magnetic materials. The talk was very informative and our students got an opportunity to learn a new emerging field in physics.





For noon session comes to an end at 1 pm. In the afternoon session students conducted various cultural programs.







The programme comes to an end at 3.15 p.m. The function was a grand success and ended fruitful for the students.

PHYSICS ASSOCIATION INAUGURATION

2017-18



Organized by :

DEPARTMENT OF PHYSICS

St. Thomas College, Ranni



Date:

2nd November 2017

Venue:

College Auditorium

Programme

- 10 am : Prayer Song
- Welcome Speech : Prof. Bini B. Nair
(HOD, Department of Physics)
- Presidential Address : **Dr. Lata Marina Varghese**
(Principal,
St. Thomas College, Ranni)
- Inaugural Address : **Dr. Senoy Thomas**
(Assistant Professor, CUSAT)
- Felicitation : **Dr. Suresh M.K.**
- Overview of Association Activities 2016 : **Aravind S.**
(Association Secretary)
- Vote of Thanks : Prof. Soumyamol K.S.
- 11.30 am : Invited Talk
- 12.30 pm : Lunch Break
- 01.30 pm : Cultural Activities
- Student Co-ordinator : **Aravind S.**
- Staff Co-ordinators : **Soumyamol K.S., Sreevalsa K.**

PG STUDENTS SEMINAR REPORT

PG student seminar and oral presentation competition “SPARK 2K17 “ was held on 7th November 2017 organised by the department of physics. The topic of the seminar was “100 years of optics”. The chief guest of the function was Dr C.S Narayanamurthy. He was a senior professor from the department of physics at Indian Institute of Space science and Technology(IIST).Registration was started at 9.00 a.m



The inaugural ceremony of SPARK 2K17 was officially started at 10:00am followed by a prayer. The gathering was formally welcomed by the student coordinator Adarsh Prakash. Presidential address was given by the principal Dr. Lata Marina Varghese. Chief Guest of the programme Dr C.S Narayanamoorthy inaugurated the function by lightning the lamp and he delivered the inaugural address. There was felicitations by Capt: John M George(IQAC coordinator) , Prof: Anju Joseph(HOD in charge) and the Prof: Marykutty James(staff coordinator). Vote of thanks for the inaugural ceremony was given by Amritha V K of 2nd M.Sc. The inaugural session was ended by 10:45 am.



At 11 am Dr. C S Narayanamoorthi who was a post doctoral scientist at Imperial college London, presented seminar on the topic “ **100 years of optics**”. Through his seminar we were made to know deeply about coherent optics. It was very informative for us. Many recent innovations were also discussed. At 12:10 pm we moved to inter collegiate oral presentation competition. Eight students from five colleges participated in the competition. The topic for the presentation competition was “**recent developments of physics in 21st century**”. Prof. Soumyamol K S and Prof. Sreevalsa K were the judges. They explained the rules and regulations to the participants and the competition were started. The competition continued up to 3:30 pm. Many new ideas and information’s were presented by the participants. Cash prize were awarded to the winners of the competition.



Mathews Joseph from S B college changanacherry, got first prize and Ajay A Pillai from Christian college Chengannur, got second prize. Vote of thanks was delivered by the student co-coordinator Manju Mathew of 1st M.Sc. The programme was ended by 4pm.

REGIONAL WORKSHOP ON INNOVATIONS IN PHYSICS (RWIP-2017)

REPORT

The Department of Physics is conducting ‘Regional Workshop on Innovations in Physics (RWIP) every year to the students of higher secondary schools. The main objective of the workshop is to create awareness in the necessity of learning Physical Science and helping the students to make career in it in future. This year, the ‘Regional Workshop on Innovations in Physics(RWIP-2017)’ has conducted on 6th December 2017. The inaugural session has begun by 10 o’clock in the morning by seeking the blessings of Lord Almighty. The HOD in charge and Convenor of the workshop, Prof. Anju Joseph has welcomed the gathering by her earnest welcome address. The backbone of the college, respected Principal Dr.Lata Marina Varghese presided over the function. Chev. Prof. Prasad Joseph Koickal, Manager of the college,inaugurated the workshop by lightening the lamp and delivered the inaugural speech. The Organizing secretary of the workshop Dr. Suresh M.K. delivered the felicitation speech. The Physics Association secretary Aravind S., II DC student, delivered the vote of thanks.



Students from three neighbouring higher secondary schools, MS HSS, Ranni, Govt. HSS, Kadumenchira and Govt. HSS, Edamuri had visited the workshop. Various experiments were demonstrated in the workshop by the students. Many working models based on the latest technologies were presented and demonstrated by the students. A video presentation on the latest invention of gravitational waves by LIGO (The Laser Interferometer Gravitational-wave Observatory) was done by post graduate students. Through this workshop, the students were able to improve their ideas and helped them to bring out the in-born innovative ideas. The career guidance classes were taken by Prof. Sreevalsa K. which paved a new way for the students to various opportunities of Physics. Both students and teachers made this event successful with their immense participation and support.





ST. THOMAS COLLEGE
RANNI –KERALA

(Affiliated to Mahatma Gandhi University, Kottayam
Accredited at B Level by NAAC)

**REGIONAL WORKSHOP ON
INNOVATIONS IN PHYSICS**
(RWIP-2017)



Organized by
DEPARTMENT OF PHYSICS
On
6TH DECEMBER 2017




Respected Sir/Madam

It is an honour for the Department of Physics to conduct a **Regional Workshop on Innovations in Physics (RWIP-2017)** to the students of Higher Secondary Schools on **6th December 2017**. The main objective of the workshop is to create awareness in the necessity of learning physical science and helping them to make career in future. The workshop includes talks on novel technologies, poster presentations, demonstration of various experiments, higher opportunities of physics, etc.

We are expecting at least 50 students from your institution who have aptitude in Physics. We take this opportunity to request your participation in order to motivate the students and enable them to choose the best career options.

Dr. Lata Marina Varghese Principal	Dr. Suresh M.K. Organizing Secretary
Prof. Bini B. Nair HOD	Prof. Anju Joseph Convenor

Registration Fee: Rs.10/- for each student

For details please contact:
9446738693/9496211790



NATIONAL SCIENCE DAY 2018

The department of physics conducted national science day celebrations on 26th February 2018. This program was conducted jointly with department of chemistry. This year's theme was science and technology for sustainable future. The program was supported by council for science, technology and environment and DST ,Govt ,of india.

The program was inaugurated by Dr.Siby K.S,Assistant professor,University of Kerala, Thiruvananthapuram. He delivered an interesting and thought provoking message. After the inaugural ceremony our chief guest made an interesting presentation on the topic science and technology for sustainable future. It was a very fruitful session. He focused on the importance of protecting our environment for the future generations.

In the afternoon there was an intercollegiate elocution competition .Cash prizes were distributed to the winners. On February 27th there was intercollegiate essay writing competition and painting competitions were conducted. The program was a grand success.