



ST. XAVIER'S COLLEGE FOR WOMEN, ALUVA
REACCREDITED BY NAAC WITH A GRADE (CGPA 3.33)

DEPARTMENT OF PHYSICS
ANNUAL REPORT
2017-2018

DEPARTMENT OF PHYSICS
ACTIVITIES FOR THE YEAR 2017-18



PHYSICS ASSOCIATION INAUGURATION BY Dr.MALINI K.A

- The activities of Physics association was inaugurated by **Dr. Malini K.A.**, Head of the Department of Physics, Vimala College, Thrissur on 08-11-17 and delivered a talk on **"Beauty of Physics"**.



SCHOOL LINKAGE PROGRAMME

- **The School Linkage Programme**, the extension activity of the Department was arranged for SNDP School students on 23-10-2017. Topics included electricity and magnetism. Both practical and theory sessions were organized. Demonstrations of the experiments were done by our PG students.



JUNIOR SCIENTIST PROGRAMME

- Classes for **Junior Scientist Programme** for high school students were organized on 2-12-2017&2-1-2018. Experiments related to their syllabus were arranged and teachers and I PG students helped them for the same.



ON THE JOB TRAINING ON ROBOTICS

- An **On the job training** programme on **Robotics** was arranged for the III B.Sc. students. Ten students are trained on Robotics, which is an emerging field in Science.



WORKSHOP ON VIRTUAL LAB

- A one day workshop on “**Virtual Lab**” was conducted by the Department of Physics on 7-7-17. Faculty from Amrita Vishwa Vidhyapeedam led the sessions.



TALK ON CAREER IN PHYSICS

- A talk on “**Career in Physics**” by Dr. Roby Cherian, Assistant Professor, S.H College, Thevara was arranged for third year degree students which revealed the different career options for Physics students
- I PG students attended a two day lecture workshop on “**Emerging trends and applications in Nanoscience**” at SNM College, Maliankara on December 20th and 21st.
- Pearl Jo An.K. won second prize in Elocution competition held by co-operative society, Aluva.



TALK ON “WOMEN IN SCIENCE”

- In connection with Science Week a talk on “**women in science**” by Dr. Resmi.R, Assistant Professor, UC College, Aluva was arranged for the third year degree students. This programme was organized in association with Sastra Sahitya Parishad and KSCSTE on 9-11-2017. A motivational talk was also given by Ms. Reshmi.C.P, Department of Economics on the same day.
- Two student projects worth Rs.9000/- each by KSCSTE were sanctioned under the guidance of Dr. Vimala George and Mrs. Jonis.V.C.
- Five III B.Sc. students were selected for **Mahindra Scholarship** worth **Rs.10, 000/-** each.



PG STUDENTS ATTENDED “OPEN HOUSE PROGRAMME” CONDUCTED BY CUSAT

- II PG students attended the “**OPEN HOUSE PROGRAMME**” conducted by Cochin University of Science and Technology on 9-2-18.



MOTIVATIONAL TALK BY OUR ALUMNI- MS.ANURADHA V

- A motivational talk was arranged for III B.Sc. students by Anuradha.V., NVT Physics,G.F.V.H.S.S.,Kaipamangalam on 10-1-2018 at Physics Seminar Hall.
- I M.Sc. students attended a talk at St. Albert's college, Ernakulam in association with Knowledge Summit.



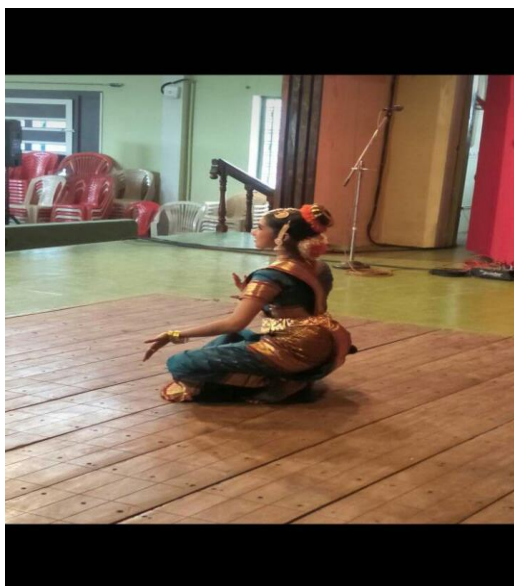
EDUCATIONAL EXPO AT ST.ALBERT'S COLLEGE, ERNAKULAM

- Third year students visited educational Expo at St.Albert's College, Ernakulam on 5-1-2018.



INTER DEPARTMENTAL QUIZ COMPETITION

- I PG students organized **the inter departmental quiz competition**, conducted in connection with Academic week celebration on 8-1-2018.
- Department conducted a model exam for NET in association with Academy Of Physics Teachers on 7-6-17 Wednesday. Alumnae of the department and current year PG students actively participated for the same.
- Competitive exam organized by Indian Association of Physics Teachers was conducted on 21-1-2018 for B.Sc. Degree students. Ten students attended for the same.



PARTICIPATION IN COLLEGE YOUTH FESTIVAL & OTHER CELEBRATIONS

- Students actively **participated in college youth festival and Christmas celebration** and secured different positions.



STUDY TOUR- TO MYSORE & COORG

- III B.Sc. students along with two teachers went for a **study tour** to Mysore and Coorg on 4-12-2017.



DEPARTMENTAL TOUR TO JOY LAND, MUVATTUPUZHA

- A **departmental tour** was conducted on 20-1-2018 to **Joy Land**, Muvattupuzha.
- Third year students attended a talk on “Women and Career” by Dr. Murali Thummarukudi Chief Disaster Janiva, Switzerland in association with Academic week celebration.
- All students attended a talk on “Health issues of Adolescence” by Dr. Divya Jose Gynecologist, CIMAR.