

**ST. JOSEPH'S COLLEGE OF ARTS &
SCIENCE (AUTONOMOUS)
PG & RESEARCH DEPARTMENT OF
PHYSICS**

***PHYSICS ASSOCIATION ANNUAL
REPORT 2017-2018***

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Our PG & Research Department of Physics inaugurated Physics Association for the academic year 2017-2018 (Shift-I & Shift-II) on **05.07.2017**. Rev.Fr.Secretary has presided over the function. Invited talk on “*Forces of Nature*” was given by Dr.S.Periandy, Associate Professor in Physics, KMCPGS, Puducherry.







Mr. Senthil kumar Ecole Study School, Puducherry, gave a “*motivational speech*” for I B.Sc students on **17.07.2017** about their future studies and encouraged them to prepare for the competitive exams. Guest lecture on “*Mobile Phone Technology*” was held on **24.07.2017** for B.Sc students from TCILIT computer education and training center, Puducherry. Resource persons are Ms.Aruna devi, Mr.Mohandoss and Mr.Siva sakthi, they have demonstrated about the networking of mobile phones.

Physics association in Collaboration with the placement cell has organized a guest lecture on “*Indian Meteorological Services*” for alumni of Physics Association and PG students on **29.07.2017**. Mr. M. Balamurugan, Scientific Officier, from Indian Meteorological Department, Cuddalore, has explained the mode of the examinations and provided some methods for preparation.

Our Physics Association organized an “*Educational Tour*” for UG (Shift-I) and PG (Shift-I) students to Kochi-Moonar-Kodaikanal from **11.08.2017** to **15.08.2017**. Our Physics Association organized an “*Educational Tour*” for UG (Shift-II) students to Kerala from **12.08.2017** to **15.08.2017**.

On **16.09.2017**, our PG & Research Department of Physics has organized a Guest Lecture on “*Basic Mathematics for Physics*” for BSc Students (Shift I & II) given by Mr. Senthil Raj, Teacher, E’Cole International Study School, Puducherry.





As part of “*Extension Activity*”, our III BSc students of Shift-I have done campus cleaning activities in the back side of “Fahrer Block” on **22.09.2017** from 1.30 pm to 4.00 pm.

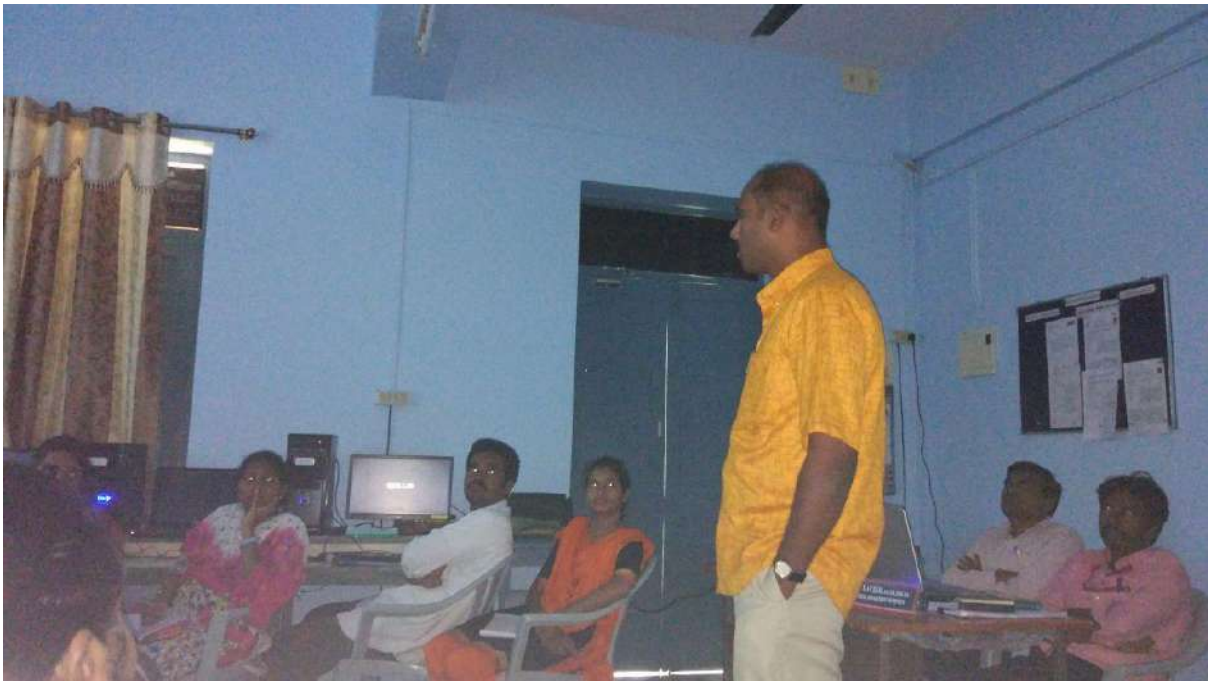






WORKSHOP on THEORETICAL PHYSICS

Our PG & Research Department of Physics has organized “**Workshop on Theoretical Physics**” which was held on **08.12.2017** in Quantum Computational Research (QCR) Lab. Dr.V.Periyannayagasamy Assistant Professor, Department of Chemistry, St. Joseph’s College of Arts & Science, has delivered a talk on “*Introduction to Molecular Dynamics*”. Dr.S.Ramalingam, Assistant Professor, Department of Physics, A.V.C College, Mayiladuthurai, has given the “*Hands-on Training on Gaussian 09W Software*”. Rev.Fr.Dr.S.Xavier, Dean & HOD of Physics, St. Joseph’s College of Arts & Science, has delivered a talk on “*Introduction to Density Functional Theory*”. Dr.S.Sebastian, Assistant Professor, Department of Physics, St.Joseph’s College of Arts & Science, has given the talk on “*Introduction to Molecular Properties and Molecular Docking*”. Our M.Phil Scholars and II M.Sc Students have participated in this workshop.





ENTREPRENEURIAL TRAINING and AWARENESS CAMP

On **15.12.2017**, our PG & Research Department of Physics has conducted “*Village Service Learning*” (VSL) programme entitled “**Entrepreneurial Training and Awareness Camp**” in Mulikirampattu village, Nellikuppam, Cuddalore (Dt). Our III B.Sc. students of Shift-I have involved in the arrangements of the camp. The camp has been conducted during the hours from 2.00 pm to 5.00 pm. The graduates and common people belongs to Mulikirampattu village have participated and benefited in that camp.





On **20.02.2018**, our PG & Research Department of Physics has organized “*Village Service Learning*” (**VSL**) programme at Anna Stadium, Cuddalore (Dt). Our II B.Sc. students of Shift-II have done the cleaning work inside the stadium during the hours from 9.30 am to 12.30 pm.



On **28.02.2018**, our PG & Research Department of Physics has organized **“Quiz Competition (Super Nova 2018)”** on National Science Day. Our BSc (Shift-I & Shift-II) students have participated in different kind of games. PG student of Physics have involved for organizing the competition.

Our PG & Research Department of Physics has organized **“Awareness Programme on Interview Communication”** which was held on **08.03.2018** in Library Annex Building. Mr. S. Sam Israel, Assistant Professor in English, Krishnasamy College of Engineering and Technology, Kumarapuram, Cuddalore, has delivered a special lecture about interview communication. Our III B.Sc Students have participated and benefited in this programme.

Our PG & Research Department of Physics has organized an **“International Conference on New Materials and Arid Land (ICNMAL-2018)”** on 15th and 16th March 2018. Rev.Fr.G.Peter Rajendiram, Secretary of the College, has delivered a presidential address. Dr.S.Chinnapan, Principal, Prof.M.Arumai Selvam, Vice-Principal, Mrs.Jayanthi Ravichandran, Dean of Evening College and Rev.Fr.Alex, HOD of B.Com (Bank Management), have given the facilitation. Rev.Fr.S.Xavier, Dean of Studies and HOD of Physics, has delivered a talk on introduction about conference. 80 Scientists from all over the world have participated and delivered the special lectures. Students, Research scholars and Faculty members from various colleges and universities have attended and presented their research work in this conference.