

MARIS STELLA COLLEGE (AUTONOMOUS)

Department of Physics

2015-2016

1. Arranged a guest lecture & conducted a Energy saver program tilted on “**Green Energy-Energy Conservation Mission**” on 10th July 2015 to create awareness among school students & their parents through “ENERGY SAVER CONTEST”. Mr.K.Madhubabu(Holder of Limca book of records), Sr.Engineer, Public health Mott MC Donald, Chennai was the resource person. 70 students from our college and 16 from other 5 colleges such as PVP Siddhartha Eng.College, Vijayawada, Andhra Loyola Eng.College, Vijayawada, Lakki Reddy Balireddy College, Myllavaram, Vignan Eng.College, Vadlamudi, Guntur, PG Physics of P.B.Siddhartha Science and Arts College, Vijayawada participated.
2. Mrs. Sara Kumari and Miss. Sagufta Fatima along with fifteen students from II MPC and II MPCS sections visited ZPH school, Patamata, Amaravani School, Patamata, ZPH School, Ramvarappadu on 17/7/2015 and explained the need for Energy conservation and the goals of “GREEN ENERGY-ENERGY CONSERVATION MISSION” and distributed cards in which electrical consumption units had to be recorded for three months.
3. Mrs. Sara Kumari and Miss. Sagufta Fatima along with ten students from II MPC section visited Atkinson school, one Town, Vijayawada, Ravindhrabharathi School, BRTS Road, Vijayawada, on 20.7.2015 and explained the need for Energy conservation and the goals of “GREEN ENERGY-ENERGY CONSERVATION MISSION” and distributed cards.
4. Volunteers of Energy Conservation unit went to different schools on 20.11.2015 and collected back all the cards distributed to them and submitted to Mr.K.Madhubabu, Sr.Engineer, Public health Mott MC Donald, Chennai.
5. Organized a paper presentation contest on 25th November,2015. Ms. Jansi Rani, Dept. of Chemistry and Ms. Deepika, Dept. of Computer Science adjudicated the contest.
6. Arranged a guest lecture on 26th November 2015.Dr. B.V.R Tata scientist, Professor & Dean-Academics Homi Bhabha National Institute Head, Condensed Matter Physics division Indira Gandhi Center for Atomic Research, Kalpakam delivered a talk on “Photonic band gap crystal, semiconductors of light”.
7. Organized a *UGC Sponsored* Two day National Conference on “**E**merging **F**rontiers of **M**aterials **S**cience” on 12th and 13th February 2015. The conference intended to

introduce frontier areas of research in Materials science to graduate students, young researchers and identify research needs and opportunities in this emerging field. Renowned experts, academicians, senior scientists from various leading organizations like IIT M Chennai, TIFR Mumbai, NIIT Nagpur, JNTU H, Osmania University and Acharya nagarjuna university etc. provided a pedagogic view of the background and emerging ideas in a given area of Materials sciences.

Link: [UGC sponsored National Conference 2015](#)

- 25 students of I MPC, I MPCs, I MECS, and III CBZ of Maris Stella College to participate in the two day Workshop on “Radiation and its uses, Nuclear Power and Environment” on 27-28th, February, 2016 at PB Siddhartha College, Vijayawada. Ms.Likitha of I MPC won second prize in the oral presentation competition.



Prize winning charts of drawing competition on “Disaster and Development side of Nuclear energy” -23.07.2016

LINK: [Phy.dept.activities 2015-16](#)