

Bhavan's Vivekananda College,
Sainikpuri, Secunderabad
Dept. of Physics and Electronics

2019-20

To promote scientific communication and to instigate curiosity in the subject, the Department of Physics and Electronics has come up with the student magazine, 'ElectriPhying World'. The 4th issue of the magazine was released on March 7th 2020 by Principal Prof. Y. Ashok. The cover page theme for the 4th issue of the magazine is chosen to be 'India's Race towards 5G' to get in tune with the developments in the field of technology and its implementation to reach the common man. The magazine also covers various articles related to recent developments in Physics and Electronics across the globe, few puzzles and some memes on science to include fun. Students of B.Sc. Physical Sciences also performed a Skit which is followed by interactive sessions.





Visit to ARCI on 20/12/2019

A group of 35 students of B.Sc. Physics and Electronics accompanied by two faculty members Mrs. M. Prasanna and Mrs. V.R. Manjula visited various labs of ARCI, Hyderabad on 20/12/2019. They were taken around to various labs such as CMCT, CNM and CLPM by a group of scientists where they explained to them the current research in fields such as Nano materials, use of different Lasers used for specific purposes such as welding and drilling and materials characterization. Students got the opportunity to see the working of scientific Instruments such as X-Ray diffractometers, TEM, SEM Lasers etc. They were shown the Super Capacitors, Li ion batteries, Anti bacterial garments and high strength ceramics applications made in various Centers of ARCI.



Department of Physics & Electronics had organized a guest lecture on “Magnetolectric Multiferroics for ultra- low power consumption device applications” on 31-07-2019.



PRAGYAN- Intercollegiate Event

An Intercollegiate event- PRAGYAN was organized by the Department of Physics & Electronics to commemorate **the 100th birth anniversary of Dr Vikram Sarabhai, Father of India's Space Programme** on 14th Aug 2019. The guest for this event was Mr T S Prasad, Scientist -F, NRSC, ISRO. In this programme, a total of 205 students of BVC and other colleges had participated. Micro presentation, Poster presentation and Quiz competitions were conducted in this event.

Micro presentation was an individual competition conducted on the topics Cosmology, Astroparticle Physics, Stellar Physics where 9 students participated.

18 teams participated in the Poster presentation competition titled “La vie de Vikram Sarabhai (The life of Vikram Sarabhai)”.

Science Quiz was conducted by the students of BSc MPCs, 30 teams participated.



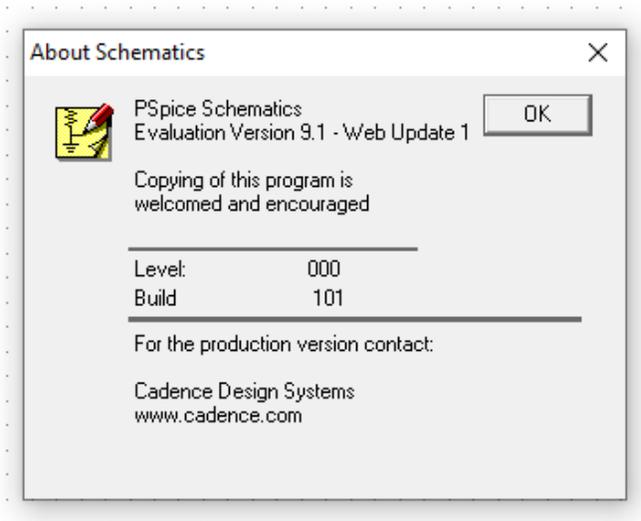




Department of Physics & Electronics had organized a guest lecture on “Artificial Intelligence and Robotics” by Mr T V Prakash Rao Rtd Scientist – G, DRDO and Director ECS Cluster, Bangalore, on 24-07-2019.

A total of 100 students from BSc MECs had attended this program. Students had a very good interaction with the speaker.





Software simulator - Pspice schematics 9.1 used for lab experiments