

Swamy Vivekanandha college of Pharmacy

Elayampalayam, Thiruchengodu, Namakkal.

Department of pharmacology

“One day workshop on CVS physiology and Pharmacology”

**A brief report of the proceedings:**

The department of pharmacology of Swamy Vivekanandha College of pharmacy was organised one day workshop , titled, “ CVS physiology and Pharmacology ” on 22 June 2019. The workshop was generously supported by AD Instruments South Asia (I) Pvt Ltd, Bangalore.

The program commenced with the inaugural ceremony by invoking the Blessings of the Almighty in the form of prayer.



The welcome address was given by Dr.P.Manimekalai, Head department of Pharmacology. She highlighted the importance of workshop in the present era of pharmaceutical science. She thanked the three premier dignitaries who played a major role in conducting such in depth workshops with various pharmacy colleges to promote scientific temper and education in our country. She welcomed all the experts and resource persons from university and industry before inviting the Principal for giving the opening remarks.



Dr.G.Muruganathan, Principal, Swamy Vivekanandha College of Pharmacy commenced his address by appreciating the efforts put by the PG students of department of pharmacology in specific Prof. Dr. P.Manimekalai who made this workshop a possibility. He also mentioned about the importance of practical's aspects in field of pharmacy when compared to theoretical point of view. He then thanked AD Instrument for accepting our request for conducting the workshop in an useful manner.



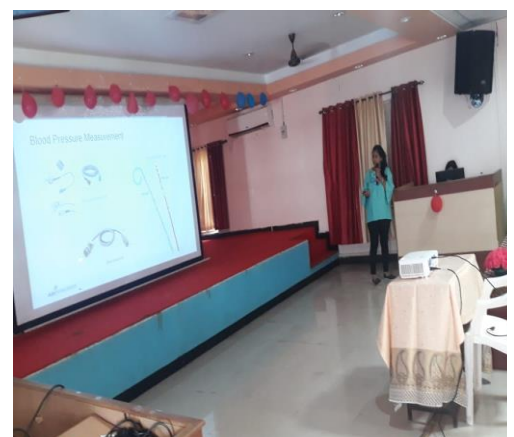
The first speaker of the workshop **Dr. Sriram Ravindran,**

Research Scholar of Sastra University delivered the lecture on '**Approches to theoretical and Practical aspects of Cardiovascular systems**'. He gave an complete description about Heart Failure and the practical screening methods namely invivo, invitro and exvivo.

He also explained the various phases of ECG and its treatment.



The second lecture was commenced at 12.15 pm by **Ms. Vaishnavi devi ,B.E, AD Instruments.,** on the theme '**Lab Instruments For Cardiovascular Studies Ad Instruments.** Her talk comprised of understanding the concept of the various lab instruments used for cardiovascular studie. She discussed the various types of BP apparatus , ECG monitoring apparatus , recording and its working procedures in detail.



The first technical session of the workshop closed with summary of the presentations followed

by Lunch.

The second session was started at 2.15 pm. The first speaker of this session was again, **Mr.K.Kanagaraj ,B.E**, who continued his demonstration of ECG and BP recording monitoring apparatus



**In his second session, Dr. Sriram Ravindran, M Pharm,Ph.D.,** he isolated the Left Carotid artery and inserted a canula into the artery to monitor the ECG ,Systolic and Diastolic blood pressure. The ECG and BP was displayed by using their software. Vagal nerve was also identified and a brief explanation was given for the following. Heart of Rat was isolated and mounted on the Langendorff's apparatus . Mounting and the working of the procedure for the langendorff was explained. Procedure was also explained by a video on “ langendorff isolated rat heart perfusion- vascular Biology lab”.





Certificate was issued by Dr. Sriram Ravindran and Principal Dr. G. Muruganathan , to all the delegates of various institutions.



Feedback was given by Dr. Victor Arokia Doss, PSG college of pharmacy.,

The student feedback was given regarding the session, and they said the practical demo session was useful and interesting.

A general conclusion was given by Dr. G. Muruganathan., he congratulated all the chief guests and participants for their active participation. He also highlighted the facilities in all the departments of the college . He also made the students to visit all labs and animal house facility

Vote of thanks was facilitated by Dr. P.Manimekai. She thanked all the guests, Principal, teaching & non-teaching Staffs , Students of all the colleges and special thanks To the PG Students of department of Pharmacology for making this program a grand success.



Finally we concluded the program by National Anthem.