

## **REPORT**

### ***Two Day National level Workshop and Competition***

(In Association with Shaastra fest {IIT Madras event})

*on*

### ***Personalized Medicine: New era in Bio-Medicine***

*on 16<sup>th</sup> and 17<sup>th</sup> September 2019.*

In connection with Golden jubilee year (1968-2018).The Department of Botany and Chemistry has organised “Two day National level Workshop and competition”(In Association with Shaastra fest {IIT Madras event}) on the topic **Personalized Medicine: New era in Bio-Medicine** on 16<sup>th</sup> and 17<sup>th</sup> September 2019.

#### **DAY-1 ( i.e on 16-09-2019)**

The programme has started at 10am with inaugural session and invocation. Dr.GLK Durga Hon.Sec.& Correspondent Amsascw presided the workshop. She has introduced about the topic and focussed on its consequences i.e benefits, challenges, Opportunities and its importance. The guest of honour for this workshop is Dr.Gopi Suresh, he has given a detail description of the topic and focussed on its practical applications. Theme of the workshop was given by Dr.A.Pramila Head department of Botany and faculty coordinator for the workshop. Dr.D.Rajeswari Principal and Head department of Zoology has explained in detail about the application of the topic adding on the example of Breast cancer and its receptors with its effects. Dr.P.Rajyalakshmi vice principal and Head department of English has focussed on the benefits of the workshop and congratulated the faculty coordinators for their efforts and commitment towards the workshop. In her presidential remarks Dr.GLK Durga Hon.Sec.& Correspondent Amsascw appreciated the theme and messages of the topic. Dr.K.Karuna IQAC coordinator department of English, appreciated the topic and encouraged the students to go for their higher studies. The session ended with the vote of thanks by Dr.K.Kiranmai Head department of chemistry and faculty coordinator for the workshop.

After the Tea break the session started with lecture by Mr. Gopi Suresh. He has given a brief lecture focussing on: Medicinal devices and its uses along with the classification stressing on class I,II,III devices and WHO assurances.Followed by the aspects of Molecular Biology and its practical applications.He also focussed on the topics Pharmacokinetics and Pharmacodynamics adding on the Drugs its action and enzymes required and demonstrated on the types and usage of Micropipette.

After lunch Ms.G.Kiranmai Research fellow CCMB has joined the workshop. The practical session was started by both the resource persons. Demonstration on DNA isolation and Gel Electrophoresis were given and practicals were done on the above topics by our students in batches. Students were divided into 10 batches of 5 students in each batch and the practicals were carried out and finally the results were recorded and clearly students observed the results of DNA isolation.

## **DAY-2 (i.e on 17-09-2019)**

The day started with lectures by both the resource persons, both of them highlighted on the topics Drugs and their cytochrome activity, primer annealing, UV spectrometry and its application along with usage and Practical were carried out on Gel Electrophoresis. After the lunch break the practicals on Primer Designing were carried out on computers effectively. There was an interactive session where students participated actively with great Enthusiasm and their doubts were cleared by the resource persons.

The session came to an end and valedictory session began. The chief guest for the valedictory session was Prof.M.Usha Chairperson, amsascw and the guest of honour was Dr.GLK Durga Hon.Sec.& Correspondent amsascw. The two day report of the workshop was read by Ms.T.Shruthi faculty Department of Botany. The resource persons shared their views and their experience and appreciated the students for their active participation. The final list of Five selected candidates for the second round of the workshop were announced. Students were given an opportunity to give a feedback on

the workshop where they expressed their views about the workshop and its benefits to them. The Certificate of Excellence was presented to the college by the Shaastra fest and the faculty coordinators were given the certificates of coordination. All the students who have participated were also given the participation certificates. Mementos were presented to the resource persons as a token of gratitude by the college. The session ended by the vote of thanks by Mrs ShantiSudha Associate Prof. Department of chemistry followed by the National Anthem.

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