ICT CENTRE

Motto " Innovate Connect and Communicate to transform"

The activities carried out by ICT Centre during 2018-2019.

NPTEL-National Program on Technology Enhanced Learning:

❖ Conducted an awareness program about online courses in June ,2018. The students of all the streams were assisted in enrolling for the online courses.

❖ The faculty members who have registered for online courses have successfully completed the courses with Elite Division and one faculty member is placed among the top 5% category across the country.

❖ Students who have completed the NPTEL courses will be given the extra credit in the final year .

❖ Dr.D.Sarala has received a certificate of appreciation for being an Active coordinator for NPTEL SWAYAM Courses.

❖ The number of students :

   o Successfully completed : 12

   o Elite status   : 06

   o Silver Medal   : 02

   o Top 5%   : 01

❖ Faculty :

   o Successfully completed : 16

   o Elite status   : 10

   o Silver Medal   : 03

Video recording :

❖ Drusya – Digital Video Recording Studio has been upgraded with the latest equipment and faculty members have been utilizing this facility for video lectures.

❖ NAAC Peer team visit in collaboration with **" Ann Pixels" -** the Photography club of Dept. of Physics & Electronics

❖ e-lectures of the faculty members and the content is uploaded to you tube channel.

Digital Announcements :

❖ The events organized in the campus by all the departments using Digital Display Units located in different floors of the campus.

❖ Scrolling the information about National/International events on the college website

❖ Upgrading and updating the institutional information on the college Website

Faculty Enrichment Program:

As ICT enabled instruction is the widely accepted methodology and is the need of the hour for all Higher Education Institutes, a shift towards exploring Digital Technologies is mandatory. In tune with this shift the ICT Centre and IQAC wing of St.Ann's College for Women have organized a two-day National Level Faculty Enrichment Program on "Smart Teaching and Learning" on 18th and 19th December,2018.

The keynote address was given by Dr.Venkatesh Choppella, Associate Profesor, IIIT,Hyderabd. He dealt with Virtual Laboratories and demonstrated a few Science experiments, Free Open Source Softwares. All the faculty members have involved actively in deliberations and it is followed by Question Answer sessions.

The Pre-lunch Technical session was completely Online Lecture with interactions .by Dr.Sameer Sahasrabuddhe ,Senior Project Research Scientist, IIT Bombay.It was a two –way interactive session where all the delegates could get an access to an interactive live sessions.

Dr.D.Sarala Head , Department of Physics & Electronics, ICT Coordinator, and Ms.B.Aparna Department of Computer Science, ICT member have conducted sessions on :

- Different Digital technologies used for online teaching on Google Class Rooms, Online Assignments and Evaluation
- Developing e- content , recording video lectures
- Uploadng video lectures on to youtube channel.
- Hands on training

Live streaming:

Undertaken the initiative of live streaming the First Convocation Program for our First Batch of Autonomous Graduates and Post graduates on 25th January, 2019. To facilitate more number of well wishers and parents to have access to the function, big screens were arranged on the open area in the ground floor, Auditorium in the first and second floors. It was broadcast live on YouTube channel.

Utility hub :

Student members of ICT have been lending their technical support in organizing National and International seminars and other ICT related events.

e-waste Management:

- ❖ In collaboration with Croma Enterprises – all the outdated computer systems, keyboards, mouse and other related Electronic, Electrical items, cables and computer peripherals are collected from the departments and donated to green initiative program of Croma Enterprises for recycling and reuse.

Virtual Laboratory:

Organized a hands on workshop on **" virtual Laboratories"** for all Physical Sciences students and faculty members on **7th March,2019**. This workshop has been arranged in collaboration with Virtual Laboratories of International Information Technology, Hyderabad , an initiative of Minstry of Human Resource Development,(MHRD) under NMEICT (National Mission on Education through ICT).

In all four training sessions , two in pre-lunch and two more post lunch were conducted. The students from I,II,III year MPCs,MECs and MPCs have attended the program amounting to 243 logins. Virtual labs (https://vlab.co.in/) is a 'National Mission on Education through Information and Communication Technology' (NMEICT) initiative by MHRD.

The project has constitutes a consortium of 12 IITs and developed ~1100 Virtual experiments in 11 domains/disciplines. These experiments provide links to NPTEL lectures for a better understanding of theory and practicals. These experiments are Web enabled and designed for remote operation and viwing. These experiments enabled the students to perform virtual experiments on various topics.

Some of the enthusiastic students have performed more than 30 experiments covering the areas – computer Sciences, Thermal Physics, Optics, Network organization and so on. Faculty members expressed the opinion that they can use it for complementing and supplementing some of their course structure.