



CH.S.D.ST.THERESA'S COLLEGE FOR WOMEN

(AUTONOMOUS)

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TRENDS IN TECHNOLOGY - DRONE TECHNOLOGY 2022 – 2023

Fertilizer application by using Drone in Rice fields - Students of Agriculture B.Sc. and III B.Z.C of CH.S.D.St. Theresa's College for Women (A), Eluru involved demonstration of drone application in agricultural fields of CH.S.D.St. Theresa's College for Women (A), Eluru in co-ordination with ICAR – IOPR on 29th March 2023: - Fertilizer application was done in paddy fields of Theresa's College using Drone technology. Drone application is time saving, reduces labour cost and spraying only required amount of chemicals there by optimizing the overall cost of cultivation for the farmers. Students created awareness on advantages and effectiveness of Drone application over other traditional methods of applications in fields to local farmers. Dr. Sister Marietta Pudota, Superior and correspondent, Dr.Sr.Mercy, Principal, Sr.Suseela, Controller of Examination, Dr.Mary Rani, Principal Scientist of IOPR Pedavegi, Mr.Hemanth, Founder of Drone, Dr.B.B.R.G.Vijaya Lakshmi, HOD of Botany and Agricultural Sciences, Mrs.G.Rani, faculty of Botany, Ms.Ch.Lakshmi Deepika, Mr.V.Siva Nagi Reddy, Mr.M. Ravi Kumar faculty of Agriculture B.Sc. and students involved in the demonstration of drone.



PROGRAM ON G20 SUMMIT 2023:



The Group of 20 (G20) is a premier forum for international economic cooperation playing an role in shaping and strengthening the global architecture and governance on all major international economic issues. The G20 was held by India this year with the theme “VasudhaivaKutumbakam” which mean “One Earth, One Family, One Future” On 25th September 2023, The Students of Department of Management Studies represented some major countries of G20 to discuss about the agenda of G20 summit 2023. This helped the students to gain knowledge on G20 summit which discussed about the current global issues, economic crisis, the establishment of G20, coordinate policies related to green development and technological transformation. The students represented the countries of India, USA, UK, CANADA, JAPAN and ITALY. Dr. Sr Mercy, Principal encouraged the students to conduct more programs on current issues to foster awareness and meaningful discussions in the fellow students. Sr. Maria Christia, Vice Principal appreciated the efforts of students for showcasing the issues discussed by leaders at G20 summit 2023. The faculty of Department of Management studies conducted this Program to create insight on G20

DEPARTMENT OF MANAGEMENT STUDIES:

CPBFI Program

Customized Corporate Training for Professional Development:

Virtual Batch Launch of CPBFI 389 (Certificate Program in Banking, Finance & Insurance) of Ch.S.D. St. Theresa’s College for Women (A), Eluru in collaboration with Bajaj Finserv was held on 10-12-2021. CPBFI is a customized 100 hour training program designed by Bajaj Finserv for graduates across India in collaboration with industry

experts & educational institutes. The program aims to make graduates employable for the Banking, Financial Services and Insurance Sector.

The first batch consists of 56 Students from final BBA & B.Com. The coordinator of the program Dr. Santosh Jhavar welcomed & introduced the Bajaj Team to the students. She briefed the students as to how this program will equip the participants with the right attitude, skills and industry knowledge, thereby going beyond a typical skill development program.

Ms. Pallavi Gandhalikar, Deputy General Manager, Bajaj Finserv interacted with the students with an aim to discover new talent & potential in every student. Mrs. Swatilekha & Mr. Mitesh from Bajaj group set the technology platform and ensured smooth, effective delivery of the sessions. Dr. Sr. Marietta D' Mello, principal of the college, congratulated the Bajaj Finserv fraternity for taking up the National Initiative under CSR activity. She appreciated the idea of joining hands with many institutions to unlock the potential of students and build a talent pool for a resurgent India. The program came to an end with a vote of thanks proposed by Mrs. P. Vijayalakshmi, assistant professor in the Department of Management Studies.



A three day Workshop on “Internet of Things”(2019-20) was organized by the Dept of physics and electronics on **“Internet of Things”** on **29, 30 & 31 August 2019**. Sri. V. Govinda Rao, Director Technical **Microlink Peripheral Pvt. Ltd**, Vijayawada was the Resource person. More than 100 students of Physics & Electronics of III B.Sc. M.P.CS &

M.E.CS actively participated in it. In this workshop the concepts & basic Electronics behind IOT & its application in Smart technologies was very clearly explained. The students have put the theoretical knowledge into practice by developing some smart appliances like “LED blinking”, “Buzzer”, Relay ON & OFF, Bluetooth, Smart Mobile interface for home Automation, ADC interface for measuring temperature & Light intensity.



Workshop on “PCB Designing & Manufacturing” (2019-20)

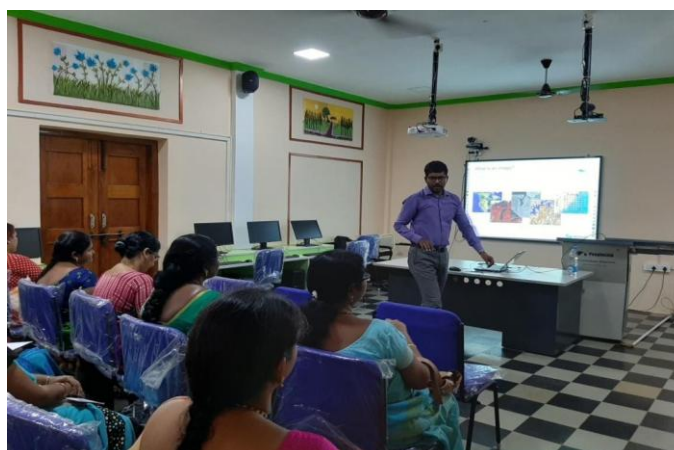
Dept. of Physics & Electronics, has conducted a Workshop on “**PCB Designing & Manufacturing**” on **18th & 19th NOV 2019** in collaboration with **MICROLINK Technologies**, Vijayawada, Sponsored by RUSA(2.0). In this M.Sc. Physics & II B.Sc. Physics & I B.Sc. Electronics students have participated during which they have learnt theoretical concepts & they have also learnt Circuit designing using PCB Wizard, Etching process, Drilling, Mounting the Electronic components on PCB and they have all done

three projects namely...Power Supply, Night lamp, & IR tester. This program instilled confidence in them so that they can take up more innovative & higher level projects in future. This Program is organized under the able guidance Dr.Sr.K.Showrillu, Vice Principal & Dr.A.Nirmala Jyothsna, Head, Dept. of Physics & Electronics.



WORKSHOP ON USAGE OF ERDAS SOFTWARE-- TRAINING ON RS & GIS IMAGE ANALYSIS (2019-20)

Training on RS & GIS image analysis was organized by the Dept. of Physics & Electronics in GIS lab. In this, the resource person was Mr. Sai Venkateswar Reddy from Hexagon Solutions, Hyderabad. All together twenty faculty from dept of Physics, Mathematics, Chemistry, Computer science have participated in this training. This is a very useful tool to map the data used in different projects on 11th & 12th Dec 2019.




PRINCIPAL

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