

**Y.A.Govt. Degree College(W),  
Chirala**



**Dept. of Computer Science**  
**Activities Register**  
**2022-2023**



**Department of Computer Science**  
**Y.A. Government College for Women**  
**Chirala - 523155,A.P.**

Re-accredited with 'B'grade by NAAC

Email: [gdcwchirala@gmail.com](mailto:gdcwchirala@gmail.com)

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## Guest Lecture on “Virtual Reality & Augmented Reality”

**Date: 03-09-2022**

### Objective:

Computer Science students need much exposure to the latest technologies to get more job opportunities from industries. The Department of Computer Science conducted guest lectures to motivate the students to learn new technologies and also to encourage them to pursue higher education in Computer Science.

### Description:

The Department of Computer Science conducted a Guest Lecture on “Virtual Reality & Augmented Reality” to II BSc Students of Computer Science by Y.Tejudhar C.T.O of “THE TRIBE TEAM” located at Hitech City,Hyderabad on 03/09/2022 from 10:30 AM to 1 PM. Smt N.Rajyalakshmi, Incharge lecture of Computer Science Dept, Guest faculty Smt Kavya Sri, Guest faculty Shaik Kareem and Guest faculty P.Johnny and the II BSc(M.P.Cs & M.S.Cs) students participated and benefited.

### Topics explained in the Session are

- What is VR/AR
- What are the Applications of AR/VR
- Advantages and Disadvantages of VR
- Current VR Devices in market
- Head mounted display
- How VR works
- Google Cardboard



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**Outcome:**

Students learned the latest technologies and were motivated to learn. Students felt very happy. Students came to know about job opportunities in industries by learning them.

**Evidences:**



**Resource Person explaining Concept to the students**



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**Student interaction after the guest lecture**



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2/09/2022

**CIRCULAR**

The Department of Computer Science is organizing the guest lecture by Y. Tejadharao for I year and II year Computer students. I request to the department incharges to give the permission to following classes and students to attend the guest lecturer on 3/09/2022. (10:30 am to 01:00 Pm)

I BSc - MPCs, MSCs, MDCs

II BSc - MPCs, MSCs

II Bcom - computers

*[Signature]* 2/9/22 Dept of Computer Science

*[Signature]* 2/9/22 Dept of Mathematics

*[Signature]* 2/9/22 Dept of Physics

*[Signature]* 2/9/22 Dept of Statistics

*[Signature]* J.C. Naidu  
2/9/22





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**Y.A Government College for Women, Chirala**  
**Department of Computer Science**

**Guest Lecturer**

**On**

Date: 6/9/22

**Student Attendance Sheet**

Sl. No	Student Name	Class	Roll No	Signature
1	K. Priyanka	II BSC (MScS)	08	K. Priyanka
2	K. Ankiitha	II BSC (MScS)	07	K. Ankiitha
3	B. Rani	II BSC (MScS)	04	B. Rani
4	M. Binana Sudha	II BSC (MPCS)	12	M. Binanasudha
5	U. Purnima Maheswari	II BSC (MScS)	21	U. Purnima Maheswari
6	S. Bindu	II BSC (MScS)	20	S. Bindu
7	T. Anitha	II BSC (MPCS)	23	T. Anitha
8	K. Nikhitha	II BSC (MPCS)	09	K. Nikhitha
9	M. Chaitany Glory	II BSC (MPCS)	13	M. Chaitany Glory
10	K. Nandini Konari	II BSC (MPCS)	08	K. Nandini Konari
11	SK. Shalini	II BSC (MScS)	17	Shalini Shalini
12	A. Supriya	I B.Com (CA)	01	A. Supriya
13	N. Padma	I B.Com (CA)	20	Padma N.
14	V. Yashada Rani	I B.Com (CA)	25	V. Yashada Rani
15	M. S. S. Durga	I B.Com (CA)	19	M. S. S. Durga
16	Y. Thiriveni	I B.Com (CA)	26	Y. Thiriveni
17	P. NAVYA	I B.Com (CA)	23	P. NAVYA
18	I. Sanjana	I B.Com (CA)	09	I. Sanjana
19	Ch. Neelima	II BSC (MPCS)	03	Ch. Neelima
20	K. Durga Bhavani	II BSC (MPCS)	11	K. Durga
21	K. Bhargavi	II BSC (MScS)	10	K. Bhargavi
22	SK. Nagura	II BSC (MScS)	16	SK. Nagura
23	M. Hemapavallika	II BSC (MScS)	12	M. Hemapavallika
24	P. Akhila	II BSC (MScS)	14	P. Akhila
25	M. Pavani	II BSC (MScS)	13	M. Pavani
26	A. Keerthana	II BSC (MScS)	02	A. Keerthana
27	A. Sarvani	II BSC (MScS)	03	A. Sarvani
28	B. Sudeepthi	II BSC (MScS)	01	B. Sudeepthi
29	K. Jeekavan	II BSC (MScS)	11	K. Jeekavan



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**Department of Computer Science**  
**Guest Lecturer**  
**On**

Date: 6/9/22

**Student Attendance Sheet**

Sl. No	Student Name	Class	Roll No	Signature
30	V. Amulya	II B.com(CA)	27	V. Amulya
31	K. Monica	II B.com(CA)	09	K. Monica
32	B. sirisha	II B.com(CA)	39	B. sirisha
33	K. Kavya	II B.com(CA)	21	K. Kavya
34	P. Tulasi	II B.com(A)	37	P. Tulasi
35	S. Ramya	II B.com(A)	15	S. Ramya
36	Sreghana Santhosi <sup>Kurran</sup>	II B.com(CA)	08	S. meghana Santhosi Kmoj
37	T. Sukanya	II B.com(CA)	35	T. Sukanya
38	M. Poornima	II B.com(CA)	29	M. Poornima
39	A. Madhavi	II B.com(CA)	11	A. Madhavi
40	O. Daridya	II B.com(CA)	29	O. Daridya
41	R. malleeswari	II B.com(CA)	1	R. malleeswari
42	P. Neelima	II B.com(CA)	36	P. Neelima
43	C.h. vishnavi	II B.com(CA)	7	Ch. vishnavi
44	A.S.L. Meghana	II B.com(CA)	10	ASL Meghana
45	P. sai lakshmi	II B.com(CA)	30	P. sailakshmi
46	B. Prithika	II B.com(CA)	3	B. Prithika
47	N. Rathakumari	II B.com(CA)	19	N. Rathakumari
48	J. Raji	II B.com(CA)	40	J. Raji
49	K. Ramya	II B.com(CA)	23	K. Ramya
50	M. srilekha	II B.com(CA)	13	M. srilekha
51	S. yagadamma	II B.com(CA)	39	S. yagadamma
52	P. Jayasri	II B.com(CA)	28	P. Jayasri
53	J. Anusha	II B.com(CA)	20	J. Anusha
54	T. poojitha	II B.com(CA)	24	T. poojitha
55	S. Mamatha Jessy	II B.com(CA)	25	S. mamathajessy
56	P. Venkatasree	II BSc(MSCS)	19	P. Venkatasree
57	P. Kusumangali	II BSc(MSCS)	15	P. Kusumangali
58	V. pravallika	II BSc(MSCS)	23	V. pravallika





# Y.A Government College for Women, Chirala

## Department of Computer Science

Guest Lecturer

On

Date: 6/9/22

### Student Feed Back

Sl. No	Student Name	Class	Roll No	Feed Back of the Student
1.	S. Bindu	II BSc (MSc)	20	Very good
2.	V. Durga Maheswari	II BSc (MSc)	21	Very good
3.	V. Pravarika	II BSc (MSc)	23	Very good
4.	K. Priyanka	II BSc (MSc)	8	Very good
5.	K. Ankitha	II BSc (MSc)	7	Excellent
6.	M. Binarasudha	II BSc (MSc)	12	Very good
7.	B. Rani	II BSc (MSc)	04	Very good
8.	M. Chaitanya Glory	II BSc (MSc)	13	Very good
9.	K. Nikhitha	II BSc (MSc)	09	Amazing
10.	K. Nandini Komari	II BSc (MSc)	08	Very useful
11.	Sk. Shabira	II BSc (MSc)	17	Very good
12.	N. Padma	I B. Com (CA)	20	Nice
13.	V. Yashodhani	I B. Com (CA)	25	Very good
14.	Ch. Neelima	II BSc (MSc)	03	Very good
15.	P. Navya	I B. Com (CA)	23	NICE
16.	M. Supriya	I B. Com (CA)	01	Good
17.	M. S. S. Durga	I B. Com (CA)	19	Very good
18.	X. Thiriveni	I B. Com (CA)	26	Thiriveni nice
19.	E. Sanjana	I B. Com (CA)	09	Good
20.	K. Durga Bhavani	II B. Sc (MSc)	11	Good
21.	T. Anitha	II B. Sc (MSc)	23	Good
22.	K. Bhargavi	II B. Sc (MSc)	10	Very good
23.	Sk. Nagura	II BSc (MSc)	16	Excellent
24.	M. Hemaprawalika	II BSc (MSc)	12	Good
25.	P. Akhila	II BSc (MSc)	14	Excellent
26.	M. Pavani	II BSc (MSc)	13	Very useful
27.	A. Keerthana	II BSc (MSc)	02	Very good



**Y.A Government College for Women, Chirala**  
**Department of Computer Science**

**Guest Lecturer**

**On**

Date: 6/9/22

**Student Feed Back**

Sl. No	Student Name	Class	Roll No	Feed Back of the Student
28	V. Amulya	II B.com(CA)	27	Very good
29	K. Monica	II B.com(CA)	09	Excellent
30	B. Siresha	II B.com(CA)	39	very good
31	S. Ramya	II B.com(CA)	15	Excellent
32	K. Kavya	II B.com(CA)	21	very good
33	P. Tulasi	II B.com(CA)	37	very good
34	T. Sukanya	II B.com(CA)	35	Excellent
35	M. Pournima	II B.com(CA)	41	Good
36	A. Madhuri	II B.com(CA)	11	Good
37	P. Neelima	II B.com(CA)	36	Good
38	Ch. Vyshnavi	II B.com(CA)	7	Good
39	O. Devidya	II B.com(CA)	29	Good.
40	R. Maheswari	II B.com(CA)	1	very good
41	J. Rajni	II B.com(CA)	40	very good
42	T. Poojitha	II B.com(CA)	24	very good
43	S. Venjambha	II B.com(CA)	32	very good
44	N. Redhna Kumari	II B.com(CA)	19	very good
45	P. Jaya Sri	II B.com(CA)	28	Very good
46	S. Mamatha Jeeva	II B.com(CA)	25	Good
47	A. Megha	II B.com(CA)	10	very good
48	M. Sri Latha	II B.com(CA)	13	very Good
49	J. Anusha	II B.com	20	good
50	B. Pujitha	II B.com(CA)	03	Very good
51	S. Neelima S. Kumari	II B.com(CA)	08	Good
52	K. Ramya	II B.com(CA)	23	Very good
53	D. Sri Lakshmi	II B.com(CA)	06	Good
54	D. Smity	II B.com(CA)	05	Very good





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## **Guest Lecture on**

### **“Career Opportunities and Case Studies in AI & DS”**

**Date: 25-10-2022**

#### **Objective:**

The objective of this lecture is to ensure academic excellence in students with wide exposure of research and career opportunities. The ultimate goal is to nurture academic excellence, industry exposure and outstanding career opportunities to our students and “acquire the ability to design intelligent solutions to problems in a variety of domains and business applications and fields ” such as natural language processing, text mining, robotics, reasoning and problem-solving.

#### **Description:**

The Department of Computer Science conducted a Guest Lecture on “**career opportunities and case studies in AI & DS**” to BSc Students of Computer Science by Prem Kumar Borugadda, Asst Prof in Ashoka School of Business, Hyd. on 25/10/2022 from 11:00 AM to 1 PM. Smt N.Rajyalakshmi, Incharge lecture of Computer Science Dept, Guest faculty Smt Kavya Sri, Guest faculty Shaik Kareem and Guest faculty P.Johnny and all the BSc students participated and benefited.

This programme discusses AI methods based in different fields, including neural networks, signal processing, control, and data mining, in order to present a unified treatment of machine learning problems and solutions.



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## Topics explained in this session:

- ★ Introduction to Data Science
- ★ Introduction to AI
- ★ Rise of Data Science.
- ★ Applications of AI
- ★ Disadvantages of AI
- ★ How AI & DS related.
- ★ Road Map to Data Science.
- ★ Best Data science companies.

## Outcome :

The talk focused on introducing the concepts of Artificial Intelligence, Data science and its applications to students. It also focused on encouraging students on Entrepreneurship. This event provides the students with exposure to Entrepreneurship and Career Development.



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**Guest Speaker Invitation Letter**

To

**PREMKUMAR BORUGADDA**

Asst.Professor (AI & DS)  
Ashoka School of Business  
Hyderabad

**Sub: Letter of Invitation for A Guest Speaker**

Dear Sir,

We are delighted by having the opportunity to invite you as a guest speaker in our YA Government degree college, Chirala on the topic "**Career Opportunities in Artificial Intelligence and Data Science**" for our I/II/III students of B.Sc.(CS) & B.Com(Comp.) on 25-10-2022. They will be honored to have been able to share your experiences and opinions.

We hope you will accept our request for this invitation and help our students to gather knowledge.

Thank you very much,

**Regards**

N. Rajya Lakshmi  
YA Government College for Women

**Guest Lecturer Invitation Letter**



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**Evidence:**



**Resource Person explaining Concept to the students**

**Y.A Govt. College for Women, Chirala.**  
**Dept. of Computer Science**

***“WORLD YOUTH SKILL DAY”***

**Date:15-07-2022**

**Objective:**

The main goal of this day is to equip young people around the world with essential skills for employment, work, and entrepreneurship. This day is meant to commemorate, acknowledge and celebrate the importance of equipping young people with skills for employment and entrepreneurship.

**Description:**

The Dept. of Computer Science organized “The World Youth Skill Day” on 15/07/2023 to “Transforming youth skills for the future”. Smt. N.Rajyalakshmi Incharge Lecturer of the dept of computer science, Smt S. Kavyasri Guest Faculty, P.Mabu Johny Guest faculty and SK.Kareem Guest Faculty, BSc & BCom Students with Computer combinations participated in the “The World Youth Skill Day”.

On this occasion the computer science department conducted the quiz on programming concepts like finding errors in the language programs, and fundamental concepts of programming topics. One student P.Ankitha BCom(CA) answered the maximum number of questions and she was appreciated and awarded with prize money of 100 Rs by Dr. B.Ratneswara Rao, lect in Botany..

**Outcome:**

Technical skills and Programming skills of the students are enhanced. They learned how to debug syntax and logical errors in the program.

**Evidence:**





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## Quiz using Plickers

**Dt: 20/09/22**

/

**Objective:** The main objective of this event is to encourage students to look beyond their textual knowledge and establish a relationship between theory and application of the learnt concepts. And also to enable the students to think from different angles, to assess and to measure the growth in knowledge and skills of the students.

### **Description:**

The C programming language is one of the most stable and popular programming languages in the world. All Computer Science graduates should have minimum knowledge in C programming. Smt. N. Rajya Lakshmi, Lecturer incharge Computer Science conducted the Quiz using Pluickers app for II B.Sc students on Programming in C. Total number of students participated is .15

### **Outcome:**

Students can test their knowledge of C programming and also they got awareness on various types of problems related to Programming Aptitude which is more important for placements in the Software sector.

# Evidences:

The screenshot shows a Plickers report for a 'C Language' quiz. The report is titled 'C Language' and shows a score of 56%. It was played on Tuesday, 20 September 2022 at 4:04 PM. The report includes a 'STUDENT OVERVIEW' table and a 'QUESTIONS' section.

**STUDENT OVERVIEW**

Student	Score	Student	Score	Student	Score
Abhinaya	Abs.	Durga	80%	Naga Anusha	60%
Akhila	Abs.	hema	80%	Naga Lakshmi	60%
Akhila	60%	Kavya	40%	Revathi	Abs.
Asritha	60%	Malle Rani	Abs.	Sharmila	40%
				Tulasi	40%
				V Hemalatha	Abs.
				Vyshnavi	40%

**QUESTIONS**

Question	Score
What is C	50%
What is Size of int	90%
What is Stack	40%

**What is C** (50%)

- A Structure oriented
- B Object Oriented
- C Both

**What is Size of int** (90%)

- A 2B
- B 4B
- C 6B

**What is Stack** (40%)

- A LIFO
- B FILO
- C A & B

Windows watermark: Activate Windows. Go to Settings to activate Windows.



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## “POSTER PRESENTATION”

**Date: 19-11-2022**

### Objective:

- To improve the presentation skills of students.
- To aware the students on emerging technologies in Computer Science field

A poster presentation is a way to communicate the research or understanding of a topic in a short and concise format. All the Students need to improve their presentation skills and they need to update their knowledge of the latest trends in Science and technology in India.

### Description:

The Department of Computer Science conducted a “**POSTER PRESENTATION**” event on 19/11/2022 from 10:30 AM to 04:00 PM. Smt N.Rajyalakshmi, Incharge lecture of Computer Science Dept, Guest faculty Smt Kavya Sri, Guest faculty Shaik Kareem and Guest faculty P.Johnny and the all students and all teaching faculty participated and benefited.

In this event, students prepare posters on various topics related to the computer world and explain the topics to each faculty and to the principal.

The following are the poster presentation topics explained

- ★ Parts of the computer
- ★ What are the Input and output devices
- ★ Secondary storage devices
- ★ Keyboard and its functionality
- ★ Social media and its impacts

★ GSuit topics(Gmail, Google Drive, Google Slides,Google Suits.....etc)

Finally ,the media covered the video on functionality of the computer and it telecast on Navya cable.

### **Output:**

Poster presentations allow the author to meet and speak informally with interested viewers, facilitating a greater exchange of ideas and networking opportunities. The Presentation skills are improved in students. As well as the knowledge of trending technologies acquired

### **Evidences:**





**Y.A Govt. College for Women, Chirala.**  
**Dept. of Computer Science**  
**Azadi ka Amrit Mahotsav**

**Date: 08-08-2022**

**Objective:**

This Mahotsav is dedicated to the people of India who have not only been instrumental in bringing India thus far in its evolutionary journey but also hold within them the power and potential to enable Prime Minister Narendra Modi's vision of activating India 2.0, fuelled by the spirit of **Atma Nirbhar Bharat**.

**Description:**

Azadi ka Amrit Mahotsav is a 75-week grand celebration launched by honorable prime minister **Shri Narendra Modi** to mark 75 years of Independence.

'Azadi Ka Amrit Mahotsav' is an initiative of the Government of India to celebrate and commemorate 75 years of independence and the glorious history of its people, culture and achievements.

Azadi ka Amrit Mahotsav rally organized by “**Y.A Government college for Women, Chirala**”. In this rally Chirala Municipal Corporation(CMC) Commissioner and Principal Smt.Dr.CH.Ramannama talked about the importance of Independence, how we achieved it, and how we should cherish the freedom we have now. We should always respect the struggles our ancestors went through for us to see this day and to breathe in Independent India.

**Evidence:**



Participated in the Azadi ka Amrit Mahotsav rally



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## ”AIDS Day Rally”

**Date: 01-12-2022**

### **Objective:**

The objective of the programme was to create awareness among the people about the symptoms, causes and preventions of HIV/AIDS that has taken an unprecedented number of lives.

### **Description:**

**World AIDS Day** was celebrated by Y.A Government College for women, Chirala, on 1 st December 2022. The objective of the programme was to create awareness among the volunteers about the symptoms, causes and preventions of HIV/AIDS that has taken an unprecedented number of lives. In this programme all the heads of departments organized awareness programmes to make the younger generation aware about the causes, symptoms, tests and treatments for treating HIV infection.

At the end of the programme, a rally was organized from Y.A Government College for women, Chirala by the students with the World AIDS Day poster in their hand. During the rally, students were wearing **red ribbons**.

### **Outcome:**

The day is an opportunity for public and private partners to spread awareness about the status of the pandemic and encourage progress in HIV/AIDS prevention, treatment and care around the world.



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## **Earn While Learn**

**Date: 2-2-23**

### **Objective:**

- To create awareness on Photoshop design Tools
- To improve the skills of students

### **Description:**

Department is conducting an “Earn While Learn- Photoshop Design Tools “ Program for the benefit of students.. In this programme, ten students of final year B.Sc Computers who know photoshop are identified as trainers. They are fine tuned and trained by N.Rajyalakshmi, SK. Kareem, P.Johny.

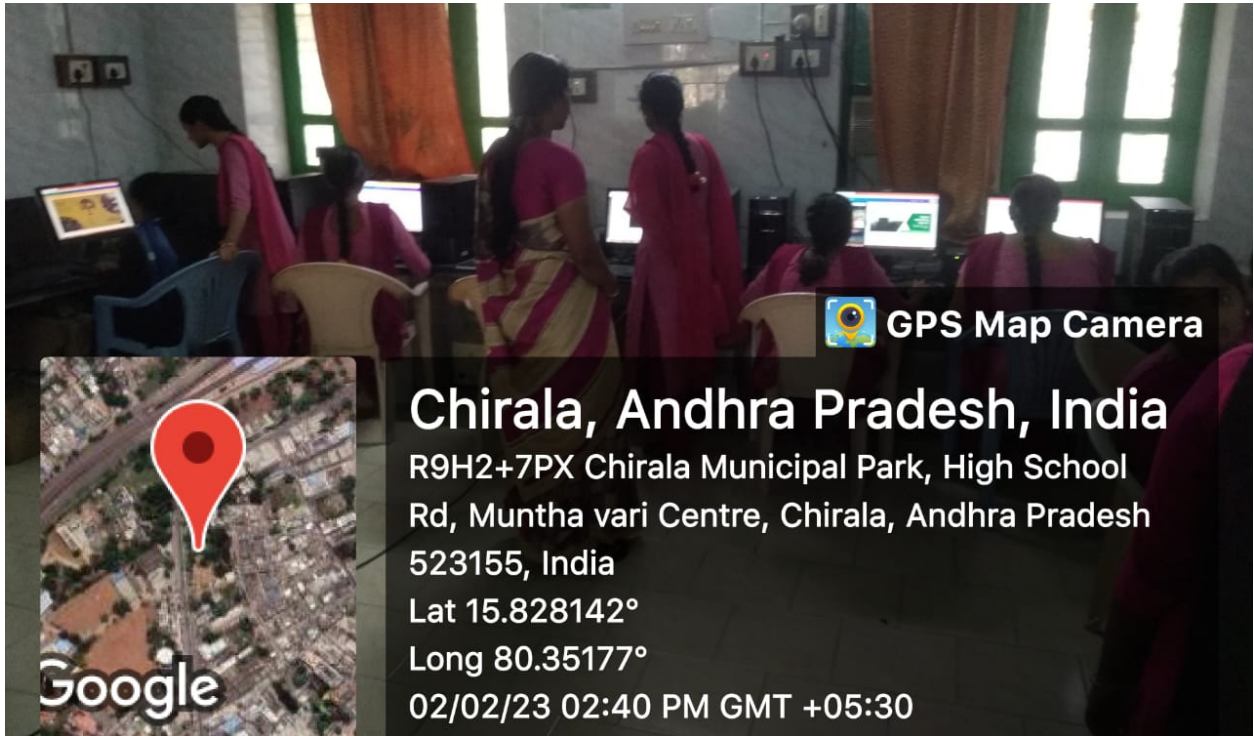
These 10 Students learned how to design the certificates, ID Cards, Brochures using Photoshop. Later a batch of 10 students who do not know Photoshop are identified every week. These 10 students are trained in the design of certificates, ID Cards for three days by two trainer students.

Students who are learning photoshop have to pay Rs. 25/-. As we are having 10 students per batch, an amount of Rs. 250/- will be generated per batch. This amount is distributed to the trainer students (Rs. 100/- per each trainer student) and 50/- to the department to maintain the stationary required for this event.

### **Outcome:**

Students learned how to design certificates, IDs and Brochures using photoshop. Skills of the students are improved.

**Evidences:**





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## Digital Assignments

### Objectives of the Practice:

- To maintain an online record of all assignments that's completed as well as attendance and the marks of assignments.
- To continue education services in any pandemic situations,
- To saves time and money also

### Context:

This is one of the ways to incorporate learner centered strategies in the classrooms. learner-centered education helps the students to develop skills for their professional careers.

### Practice:









To implement the digital assignments, Google Classroom Tool is used. It is one of the tools to create, distribute and grade assignments in a paperless way. A Google Classroom is created for III BSc Computer Students and students are invited into Google Class Room to submit the assignments through digital mode. A set of detailed instructions about due date, turn in and how to attach the files all in one pack etc are given to the students. Four Assignments and one Quiz Assignment

are posted in the Google classroom to the students. 44 students were invited and 37 students successfully submitted the assignments through Google Class Room.

### Outcome:

All students learned how to utilize the digital platforms to learn the concepts and to submit the assignments within due time. An online record of all assignments that's completed as well as attendance and the marks of assignments are maintained.

### Evidences:

 E Content	Posted Jan 27
 Assignment-3 Explain Cookies and Sessions	Edited Feb 1
<h2>IV Unit- Files &amp; Directories</h2> 	
 E Content	Posted Jan 27
 Assignment-4 Image creation process File r...	Edited Feb 1
<h2>V Unit - MySQL Data base</h2> 	
 E Content	Draft
 Assignment-5 Explain MySQL connection to...	Edited Feb 22

-  Jan 27 ⋮
-  Nali Rajyalakshmi posted a new material: E Content  
Jan 27 ⋮
-  Nali Rajyalakshmi posted a new assignment: Assignment-5 Explain MyS...  
Nov 26, 2022 (Edited Feb 22) ⋮
-  Nali Rajyalakshmi posted a new assignment: Assignment-4 Image creati...  
Nov 26, 2022 (Edited Feb 1) ⋮
-  Nali Rajyalakshmi posted a new assignment: Assignment-3 Explain Cook...  
Nov 26, 2022 (Edited Feb 1) ⋮
-  Nali Rajyalakshmi posted a new assignment: Quiz Assignment  
Nov 26, 2022 (Edited Feb 22) ⋮

## **Problems Encountered and Resources Required:**

**Due to Poor Internet Connection and less number of smartphones, some students did not participate actively.**



**Department of Computer Science**  
**Y.A. Government College for Women**  
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## **Field Visit to Yalamanchili Industry**

### **Objective:**

To motivate the students to enhance technical skills and to acquire industrial knowledge.

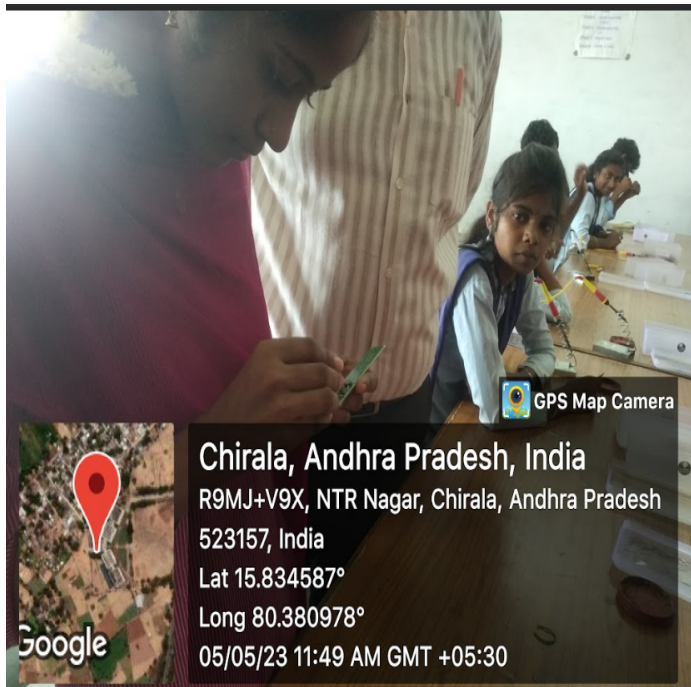
### **Description:**

The Department of Computer Science, Y.A Govt. Degree College for Women, Chirala organized a field visit to “Yalamanchili” on 05/05/2023 to motivate the students to enhance technical skills and to acquire industrial knowledge.

Smt. N. Rajya Lakshmi, Lecturer and incharge of Computer Science Department, and P.M.Johny Lecturers in Computer Science and students of III B.Sc MSCs, and MPCs participated in this visit.

### **Outcome:**

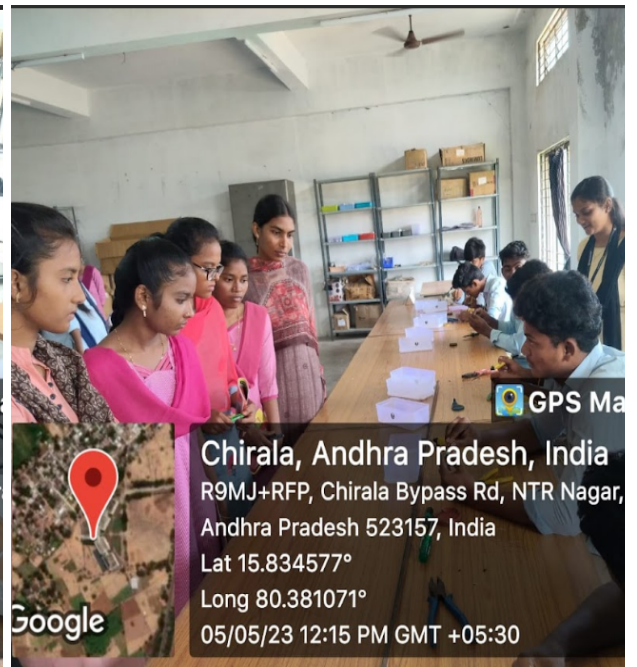
Students came to know about the various Job opportunities offered , observed the services offered by each section in the industry. They came to know the different applications developed by the employees of Yalamanchilli. They are motivated to learn the subject practically.



**Students visiting soldering section**



**Yalamanchili staff Explaining about company to the students**



**Students visiting manufacturing sections**