

BVRC NEWSLETTER

B.V.RAJU COLLEGE, VISHNUPUR

JANUARY 2023

EVENTS



MATHS & HUMANITIES

- Guest lecture on Sequencing Problem
- Guest lecture on Game Theory
- Poster presentation on significance of mathematics.



LIFE SCIENCES

- Blood grouping campaign
- Guest lecture on Game Theory



PHYSICS & ELECTRONICS

- An innovation center establishment
- participated in 6 days AICTE Idea lab workshop



M.Sc CHEMISTRY

- Alumni interaction
- Quiz competition



UG CHEMISTRY

- Chemistry foundation development program



B.Com

- Role play on the topic of Insurance and Promotion
- Seminar on Valuation of Shares for Final B.com students



MCA

- An awareness program on "Waste Management"
- An interactive session on "How to plan your MS"
- An interaction on "Career oriented Jobs"
- An interactive session on "Advanced Technologies"
- A Placement drive for II MCA students
- G.Sowmya of II MCA got selected in Mu sigma for the Role of Decision Scientist trainee.
- Sports were conducted for all MCA Students



ENGLISH

- Role-play for first year students
- A student of letters for second year students
- Visual pictorial vocabulary
- Given to second year students by a Groups officer V.Satish Kumar

PLACEMENTS

Students got selected in JANUARY PLACEMENTS

During the campus placements drives, students of B.V.RAJU COLLEGE including Degree, MCA and M.Sc got selected in the following companies.

DEGREE

S.NO	COMPANY NAME	PACKAGE	NO. OF STUDENTS
1	MU SIGMA	5 LPA	3
2	CSS CORP	2.4 LPA	6
3	WIPRO	1.8 LPA	16
TOTAL			25

MCA

S.NO	COMPANY NAME	PACKAGE	NO. OF STUDENTS
1	TCS NINJA	3.8 LPA	8
2	AMDOCS	6 LPA	1
3	MU SIGMA	5 LPA	1
TOTAL			10

5 LAKH PER ANUM



MUDUNURI LAKSHMI SUMA

III MSCs
MU SIGMA
5 LPA



CHIKKALA KEERTHANA

III MPCs
MU SIGMA
5 LPA



GUGGELA SAI TEJA

III MPCs
MU SIGMA
5 LPA

1. Guest lecture on Sequencing Problem
2. Guest lecture on Game Theory
3. Poster presentation on significance of mathematics.

1. Poster presentation on significance of mathematics.



The department of Mathematics & Humanities initiated an activity called “SIGNIFICANCE OF MATHEMATICS IN VARIOUS FIELDS”. Under this Program, we educate the students for the importance of Mathematics in future endeavors. In this regard, we started this program at 10.00 am on 22nd December, 2022 in B V Raju college, with the Participation of around 46 students.



JANUARY

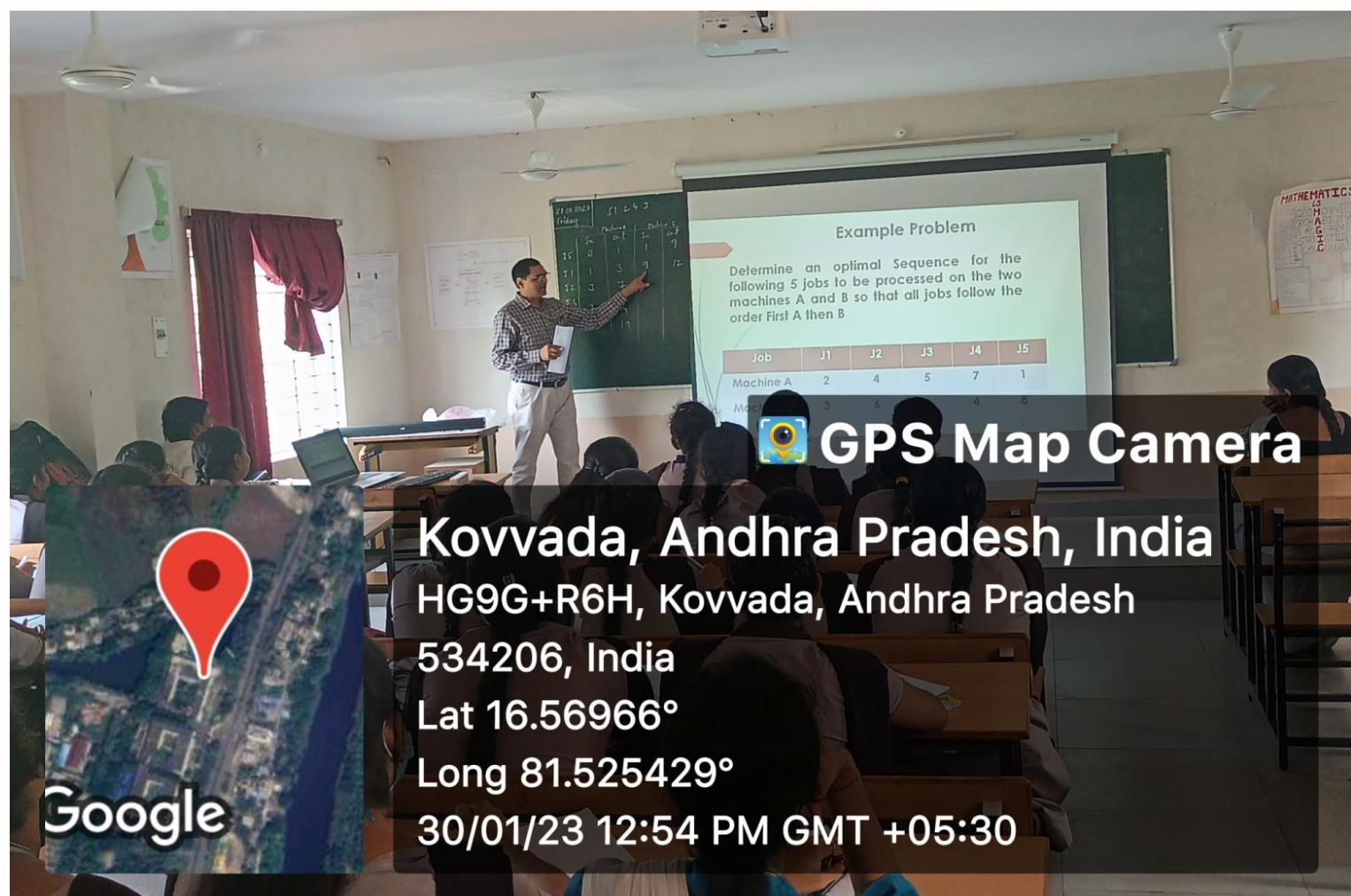
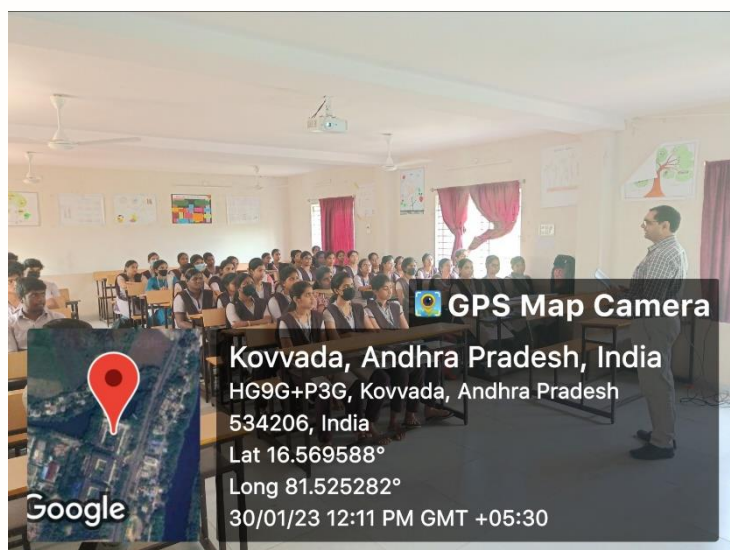
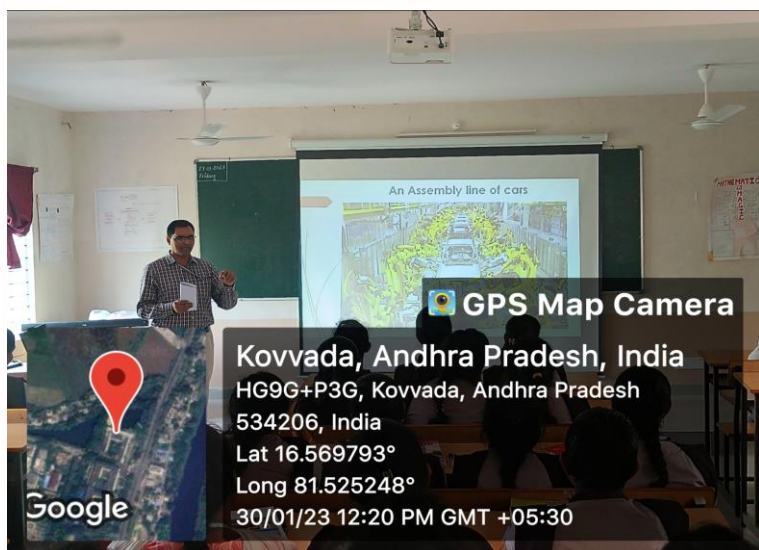
MONTHLY
NEWSLETTER - 2023

EVENTS

Mathematics & Humanities

2. GUEST LECTURE on Sequencing

The department of Mathematics & Humanities initiated a new activity called “**guest lecture on sequencing problem**”. Under this Program, we intended to educate the students about the importance of Statistics in future their endeavors. In this regard, we started this program at 11.00 am on 30th January 2023 in B V Raju college. Around 70 students attended this guest lecture.



JANUARY

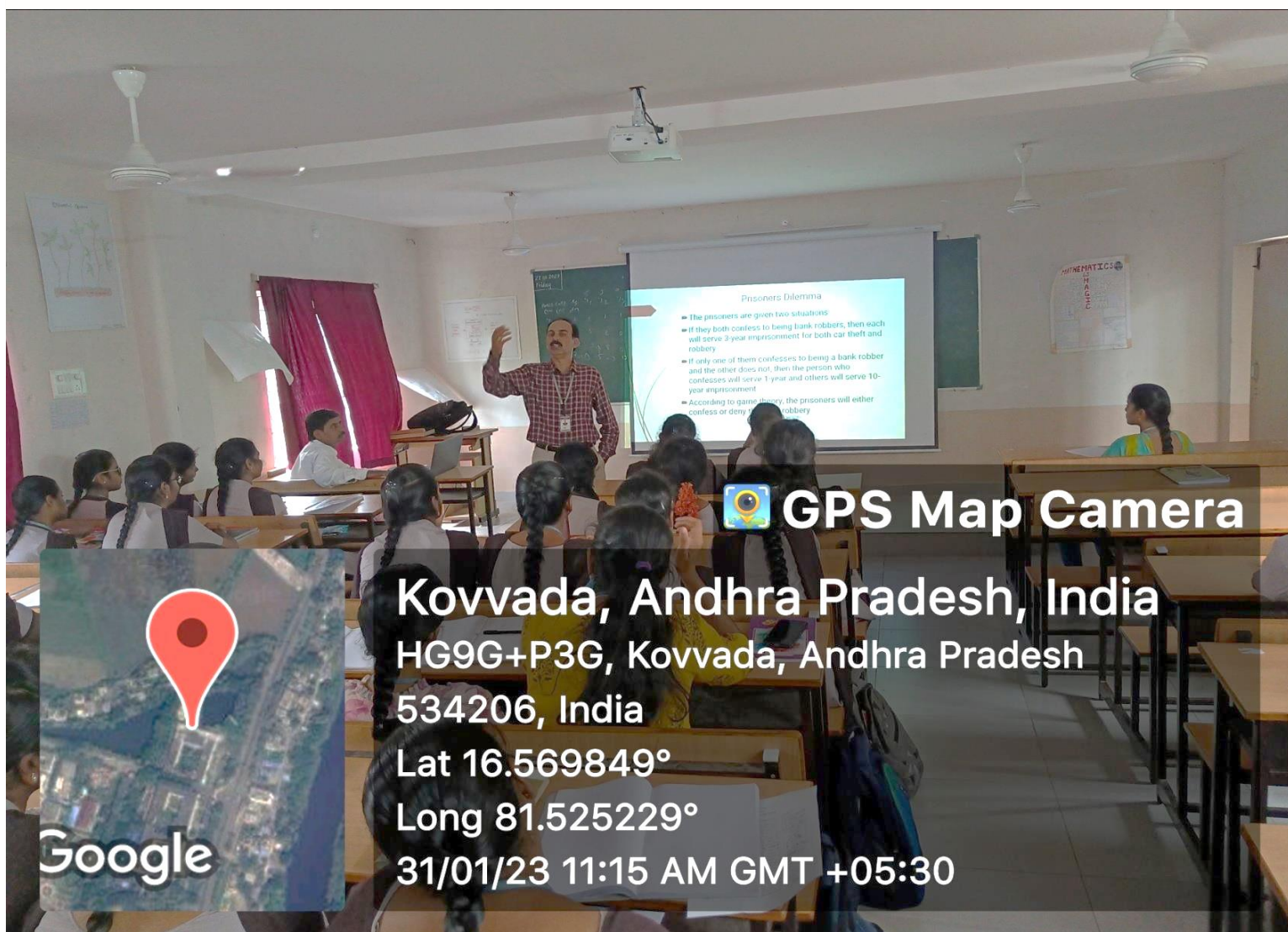
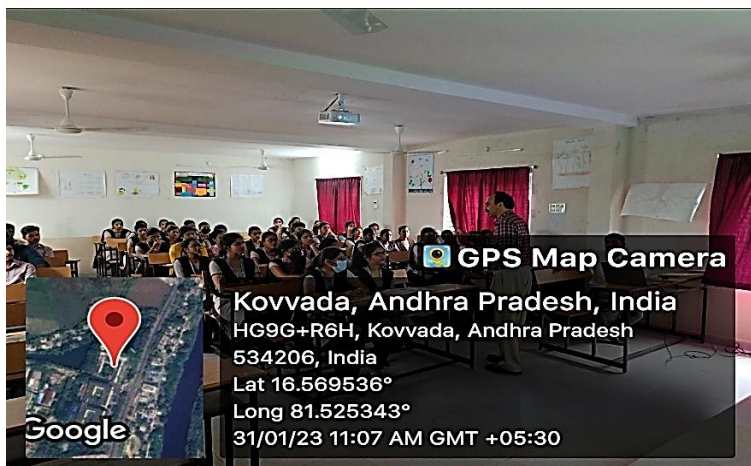
MONTHLY
NEWSLETTER - 2023

EVENTS

Mathematics & Humanities

3. GUEST LECTURE on Game Theory

The department of Mathematics and Humanities conducted “**Guest lecture on Game Theory**”. It was intended to educate the students about the importance of Statistics in their future endeavors. In this regard, we started this program at 11.00 am on 31 January 2023 in B V Raju college, with the Participation of around 65 students.



1. An innovation center establishment
2. Participated in 6 days AICTE Idea lab workshop

EVENTS

1. An innovation center establishment

The department of physics and electronics has established an innovation centre on **05 September 2022**, which was named has **B V RAJU COLLEGE CENTRE FOR INNOVATION** to provide the students hands on experience.

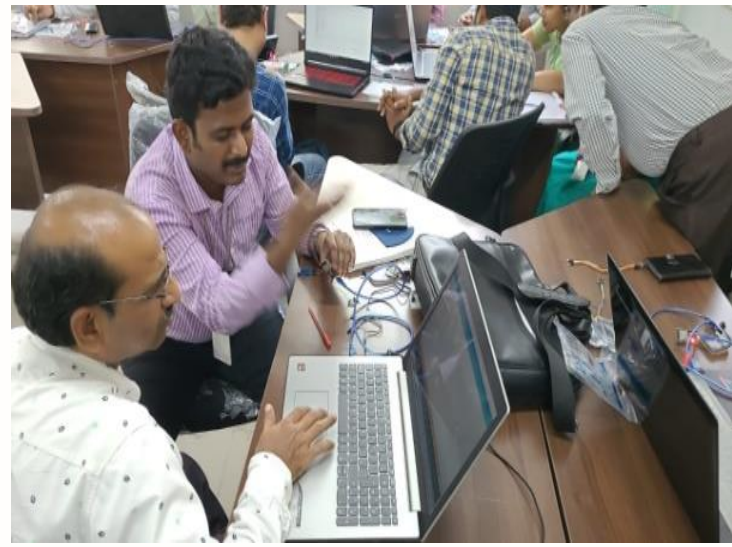


Objective: To inculcate research culture among students through working models and project works. Students will be supported to build projects of their ideas. Students are encouraged to attend workshops in Idea labs and ATL labs of SVES. Sensors and Micro controllers like Arduino Uno, ESP 32 will be used from physics and electronics labs and coding will be supported by computer faculty. The successful projects and working models will be displayed periodically in innovation center and also parallelly making videos will be uploaded in You tube channel run by student coordinators.



2. An innovation center establishment

The department of physics and electronics has established an innovation centre on **05 September 2022**, which was named has **B V RAJU COLLEGE CENTRE FOR INNOVATION** to provide the students hands on experience.



Objectives: The IDEA LAB workshop was conducted with an aim of making the faculty learning the required technologies with practical knowledge. The technologies were learnt are:

1. 3D printer
2. Laser Cutting and Engraving,
3. 3D scanning,
4. Usage of sensors like moisture sensor and I R sensor
5. Arduino and ESP boards.



JANUARY

**MONTHLY
NEWSLETTER - 2023**

EVENTS

CHEMISTRY

Chemistry foundation development program

The department of Chemistry (UG) initiated an activity called “Chemistry Foundation and Development Program”. Under this Program, we educated the students about the importance of Chemistry in future their endeavors. In this regard, we started this program at Kasturba Government Jr. College, BVRM, on 20 January 2023 with around 50 student’s participation.



JANUARY

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EVENTS

LIFE SCIENCES

BLOOD GROUPING campaign

B V Raju College has a traditional habit to organize a blood grouping camp every year for the first-year students. It is our responsibility to know the blood group of us. NSS Unit of B V Raju College initiates the camp for identification of the blood group of each and every student and records the data. It was conducted in the Life-sciences laboratory. Nearly 50 students participated in this blood grouping camp to know their blood group correctly.

The camp started at 12:00 pm at Life-sciences department block with all the first-year students. Students one by one came for registration and filled the registration form at the reception counter. After filling the registration, they were allowed to blood grouping test.



Objectives: Blood grouping plays a vital role in modern medicine and has a wide range of applications, from transfusions and pregnancy to forensics and transplantation. Blood grouping is also important in organ and tissue transplantation. The compatibility of the blood type between the donor and recipient is a crucial factor in determining the success of the transplant. Blood grouping is a crucial procedure in medicine and helps to ensure that patients receive safe and effective transfusions.



EVENTS

1. Role play on the topic of Insurance and Promotion
2. Seminar on Valuation of Shares for Final B.com students

1. Role play on the topic of Insurance and Promotion

The Department has organized a Role play on the topic of Insurance and Promotion for I B.com Students on 4/01/2023. The Students has participated with utmost enthusiasm to present the Subject they learnt and made the event successful. The program got organized Under the guidance of D Satyanarayana, HOD, Department Of Commerce and all the Department faculty members. Mrs. P.Harisha, Assistant professor, and Mr.K,Krishna, Assistant professor, Department Of English were the Judges in the event.



2. Seminar on Valuation of Shares for Final B.com students

The Department has organized a Role play on the topic of Insurance and Promotion for I B.com Students on 4 January 2023. The Students has participated with utmost enthusiasm to present the Subject they learnt and made the event successful. The program got organized Under the guidance of D Satyanarayana, HOD, Department Of Commerce and all the Department faculty members. Mrs. P.Harisha, Assistant professor, and Mr.K,Krishna, Assistant professor, Department Of English were the Judges in the event.



1. A student of letters for second year students
2. Role-play for the first-year students
3. Visual pictorial vocabulary
4. Civils and Groups training given to second year degree students by a Groups officer V.Satish Kumar

1. A student of letters for second year

The success of any modern business, to a large extent, depends on the uses of business letters. Business letters play an important role to enhance and establish a lasting relationship within the companies, institutions, and organizations. A business letter is a formal way of communicating between two or more parties. A good letter is a master key that opens the locked doors to expand the business. It can be informational, persuasive, motivational or promotional. As a result of this, 'A letter of students', a three-day activity, was hosted from 27 to 30 January 2023 to the first year students to enhance writing communication skills.

Purpose of a Business Letter:

Business letter has a unique purpose. Such as, if you are writing a job-application letter, the main purpose of the application is to gain the job or offering your services to your potential employer. In the same way, if you are writing a complain letter about damaged consignment, the main purpose of your letter is to inform the company about the damage as well as to request for a corrective action. Business letters therefore are written for varied purposes such as, to inform, to congratulate, to enquire, to order, to sell a product, to make an adjustment, to request, to complain, to collect dues, to apply for a job, etc.



2. Role-play for the first-year students

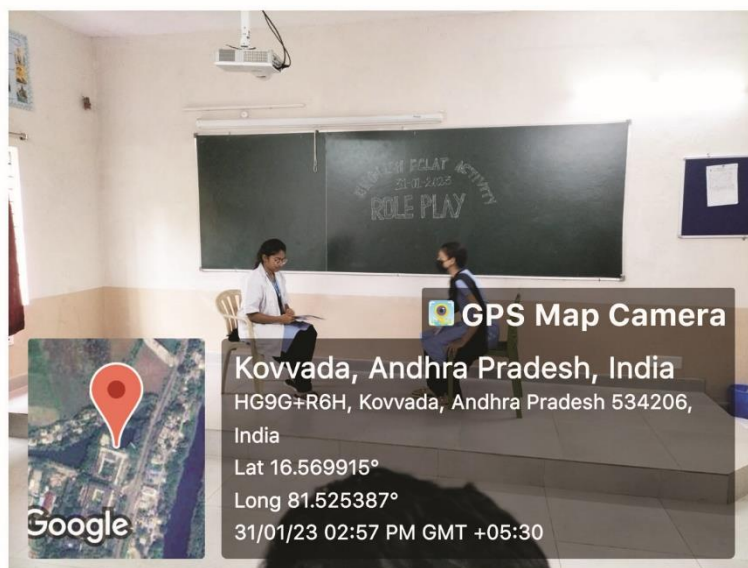
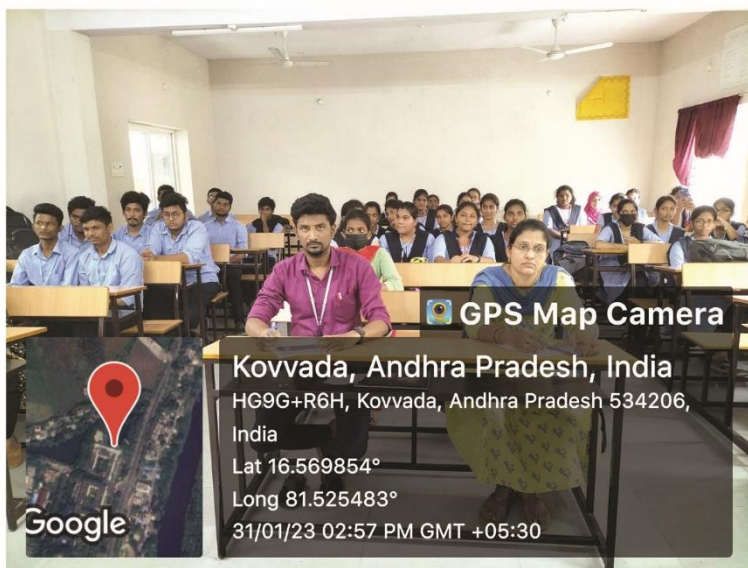
Role play, an activity designed by English club for the purpose of language skills development and to create an environment among the students to have eager to speak among themselves, was conducted in seminar hall. It was held on 31 January 2023 for first year degree students.

Prior to this the selection for final Role play activity, at class room level it was conducted and classroom winner selected.



Objectives:

1. Role-playing helps the children to boost imagination and creativity.
2. Role-playing is essential in the life of children because it helps to develop empathy.
3. It is role-playing that helps the children to learn how to interact in various situations.
4. During role-playing activities, children hear many words. They develop language and communication skills.



3. Visual pictorial vocabulary

Basically, Vocabulary is a very important part of communication. Because it improves all areas of communication and we cannot express our feelings without it. A robust English vocabulary improves overall communication like; listening, speaking, reading, and writing. A great number of words can help you to express your ideas in a meaningful manner.

31-01-2023

B. V. RAJU COLLEGE
VISHNU
Daily Words

IMPOSTER
One who pretends to be someone else in order to trick and deceive people.
He is an imposter that masquerades as a doctor or other to earn some money.

INDEFATIGABLE
One who does not tire out easily.
Mother Teresa is forever known to the entire world for her indefatigable war against poverty.

DEPARTMENT OF ENGLISH

30-01-2023

B. V. RAJU COLLEGE
VISHNU
Daily Words

INEFFECTUAL
Not producing proper results.
According to the continuous failure, she was treated as ineffectual and was fired from the position.

ALPENGLOW
A reddish glow seen on mountain tops before sunrise or after sunset.
People enjoyed a stroll during alpenglow at sunset that captures all hearts in the mountains.

DEPARTMENT OF ENGLISH

28-01-2023

B. V. RAJU COLLEGE
VISHNU
Daily Words

PARLOUS
Unsafe, full of danger or risky.
Because there was a gigantic storm, an electric grid pole was broken at the bottom and become parlous for travellers.

ABEYANCE
A state of temporary disuse or inactivity.
He strongly decided to put his mouth in abeyance in order to cure all problems that because of his meddling nature in other's affairs.

DEPARTMENT OF ENGLISH

Objectives:

- We use different words every day to express ideas, thoughts, and feelings to the people around us. Sometimes we communicate successfully and sometimes not. However, a good vocabulary can help us to express what we actually mean.
- Vocabulary is the key to learning the English language. Because, without sufficient Vocabulary, students cannot express their ideas or understand others.
- Wilkins wrote that "Very little can be expressed without grammar or nothing can be expressed without vocabulary."

03-01-2023

B. V. RAJU COLLEGE
VISHNU
Daily Words

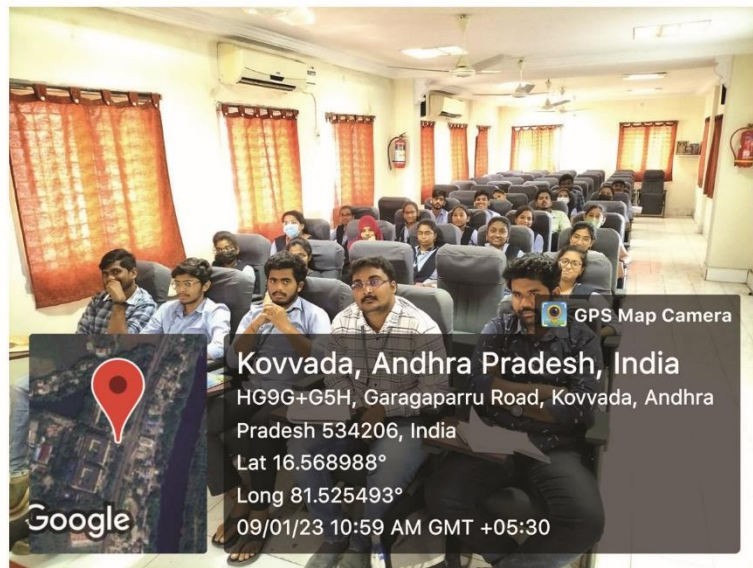
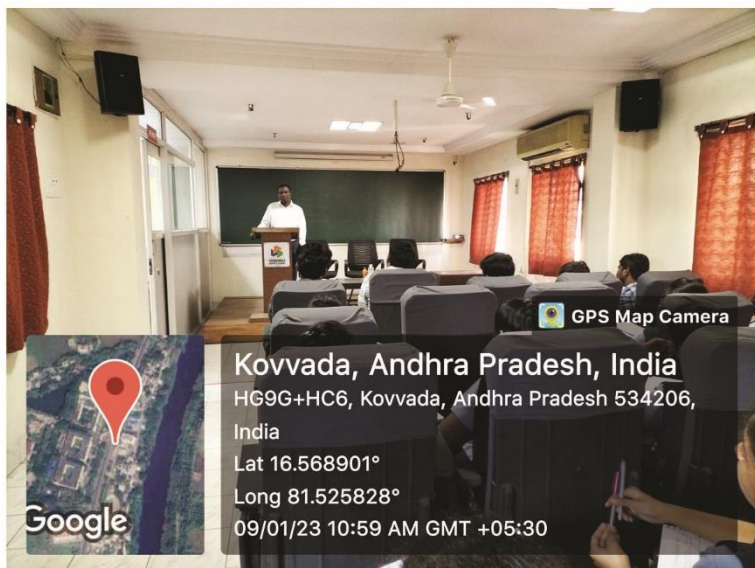
IFFY
Doubtful, Uncertainty
I am iffy on taking the job offer since the hours are long and the pay is a little low.

DEBACLE
A disaster or a great failure
Based on a low sales of a product after launching, that is considered to be a debacle and it's fate is decided.

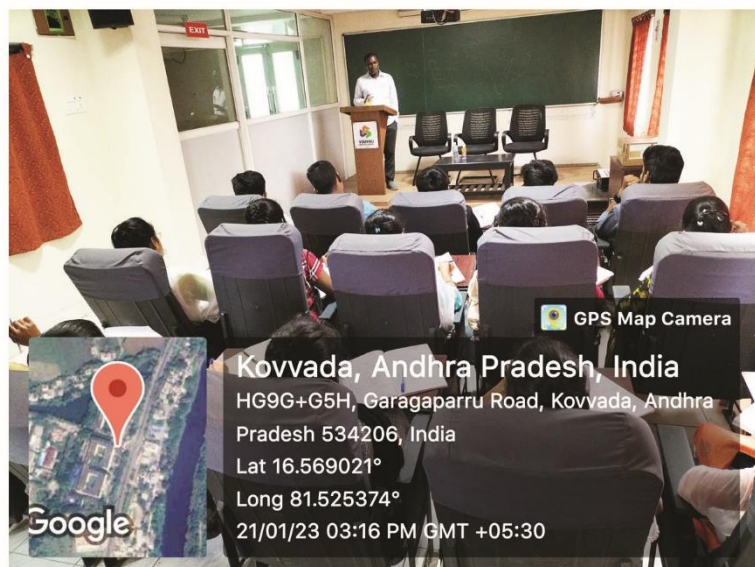
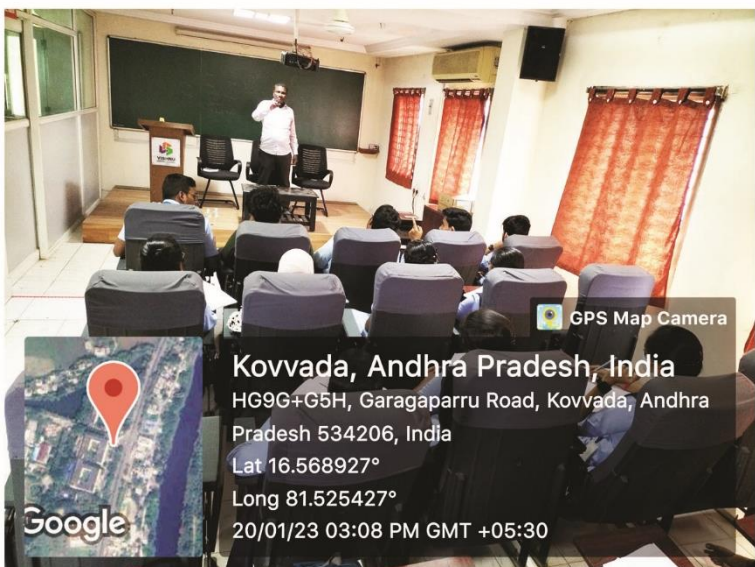
DEPARTMENT OF ENGLISH

4. Visual pictorial vocabulary

As per present scenario, we are in the competitive world. Everything is secured by putting enough efforts in attaining practical knowledge, but not by mere bookish knowledge. Moreover, students in the present world, are going after competitive exams and aspire to attain to a secured government job. Having known the desire of the students who are after government jobs like Groups, Civils, etc., we began to conduct training program with regard to competitive exams and was continued to conduct every year.



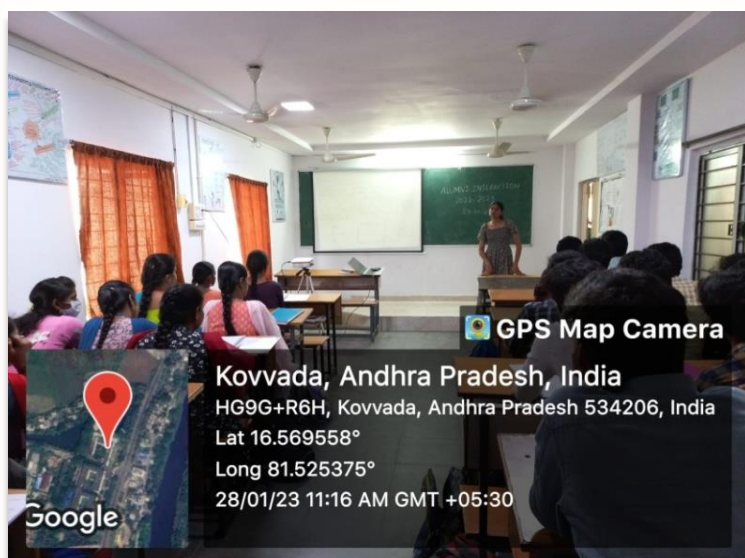
For the academic year, on 18 November 2022, B.V.Raju College began conducting Civils and Groups training program to the students who aspired to Competitive exams. It is still being continued. For a week, we provided two training classes with two hours. The training is purely based on the current affairs, history of the society and general knowledge. N. Satish kumar, Groups officer, from Agatsya Institution for all competitive examinations was invited to give training to the students.



M.Sc CHEMISTRY

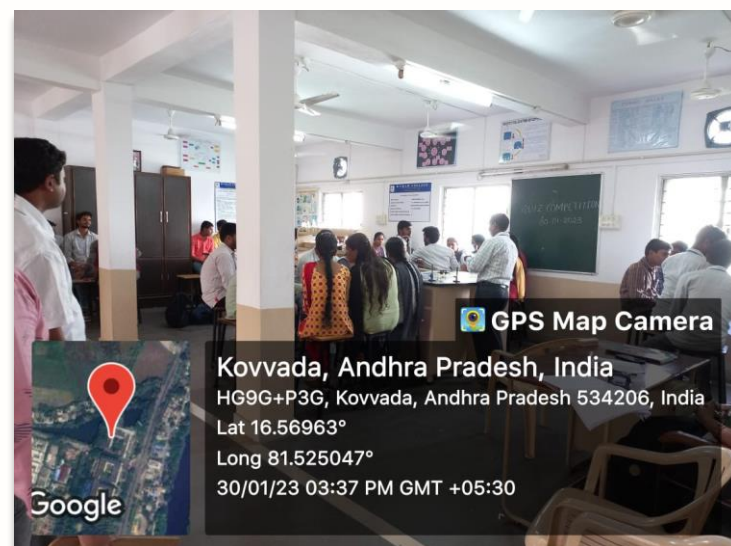
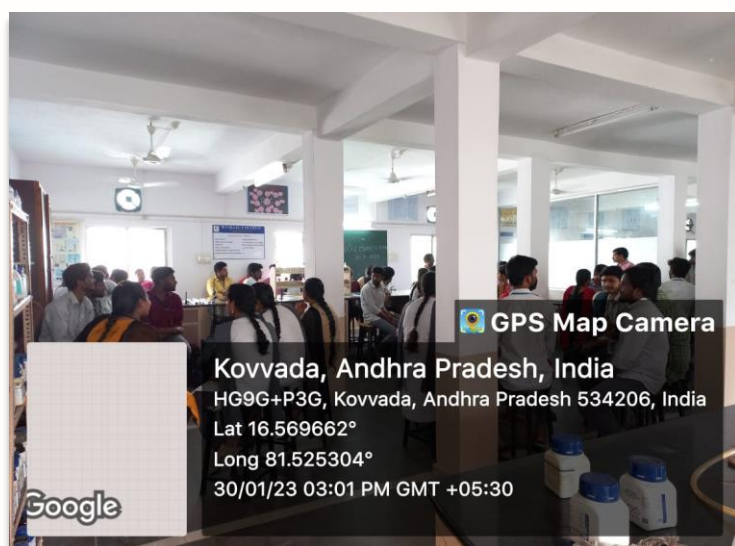
1. Alumni interaction

Alumni of M.Sc. Organic chemistry (batch:2020-22) **Ms. P.Mahitha Jr. Research Associate, Aragen Life Sciences** interacted with I (Previous) M.Sc. year Organic and Analytical Chemistry & II (Final) M.Sc. Organic Chemistry students on **28-01-2023**. Currently she is working at Aragen Life Sciences, Hyderabad. She shared her experiences & Schemes that she is doing in the laboratory. Also she motivated the students towards CSIR –UGC NET



2. Quiz competition

Department of M.Sc. Chemistry conducted a **Quiz Competition** for Previous & Final **M.Sc. Organic & Analytical chemistry** students on **30-01-2023** under Chemistry Club activity. 68 Students participated in this Quiz Competition. In this Quiz Competition, P.B.V.L.N. Narsimha Hanuman (II Year Organic Chemistry) got 1st place, K. Srinivasu (II Year Organic Chemistry) got 2nd place and T. Ganesh Kumar (I Year Organic Chemistry) got 3rd place.



- An awareness program on “Waste Management”
- An interactive session on “How to plan your MS ”
- An interaction on “Career oriented Jobs”
- An interactive session on “Advanced Technologies”
- A Placement drive for II MCA students
- G. Sowmya of II MCA got selected in Mu sigma for the Role of Decision Scientist trainee.
- Sports were conducted for all MCA Students

1. An awareness program on “Waste Management”

An awareness program was conducted on “Waste Management” in South Campus to MCA students on 02-01-2023.



2. An interactive session on “How to plan your MS ”

An interactive session was conducted by our Alumni K.Durga Prasad (2020 Passout) on “How to plan your MS ” to I MCA students(22-24) batch in MCA Block on 04.01.2023



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EVENTS

MCA

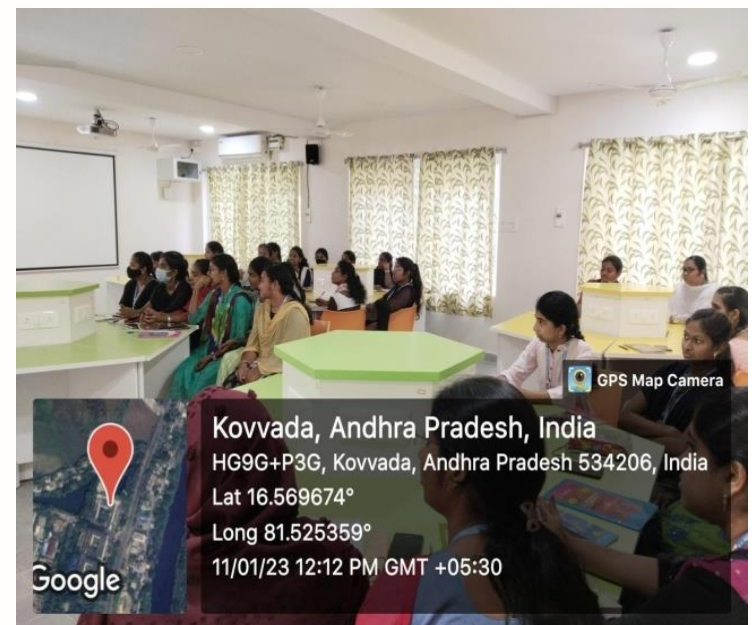
3. An interaction on "Career oriented Jobs"

An interaction was conducted to I MCA students on "Career oriented Jobs" by Jeevan Mitra STG, Assistant Vice president Synchrony Financials is arranged on 06-01-2023 at MCA Block.



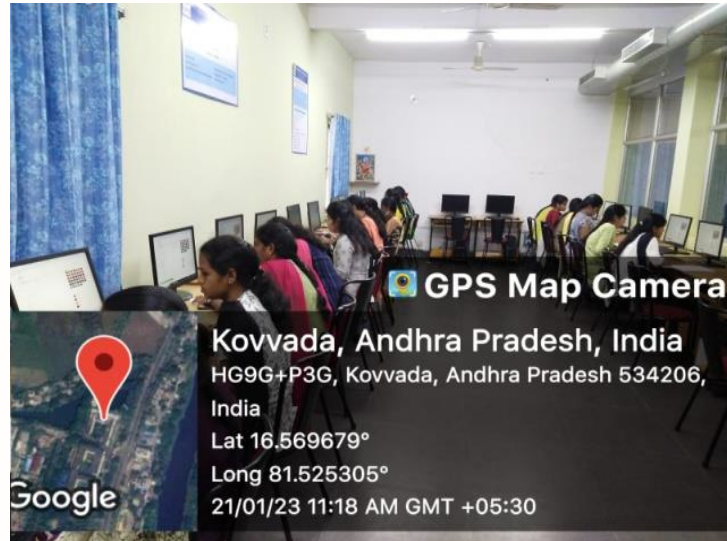
4. An interactive session on "Advanced Technologies"

An interactive session was conducted to I MCA Students on "Advanced Technologies" by Prof.PSEN Krishna Prasad, HOD CSE ANITS, Vishakapatnam on 11-01-2023 at MCA Seminar Hall in MCA Block.




5. A Placement drive for II MCA students

A Placement drive was conducted for II MCA students on 21-01-2023 in our MCA LAB. Total 26 students attended the drive and 6 students got selected for final interview round.



6. G. Sowmya of II MCA got selected in Mu sigma for the Role of Decision Scientist trainee.

G. Sowmya of II MCA got selected in Mu Sigma, the world's largest pure-play Big Data Analytics and Decision Support company, for the Role of Decision Scientist trainee. It is a great opportunity to showcase her potential with regard to knowledge of the subject.



Mu Sigma
Date: January 18, 2023

Gadiraju Sowmya
Candidate ID: CNE20231558
BV Raju College Bhimavaram

Dear Gadiraju ,

Congratulations - We are thrilled to invite you to embark on a Decision Sciences journey with Mu Sigma, the world's largest pure-play Big Data Analytics & Decision Support company. With a worldwide footprint, Mu Sigma acts as a Transformation Sherpa for its customers in their endeavor to change the way they compete.

Since inception, Mu Sigma has challenged traditional paradigms of learning modes, problem-solving, decision-making, and leadership to enable and accelerate the journey of young problem-solvers into global leaders that transform the journey of Fortune 500 organizations. **Our model has demonstrated that young and fearless decision sciences leaders can be groomed through unrivaled training & unparalleled work experience.**

With Mu Sigma, you belong to a special category of people who are not only building a path-breaking Company, but also laying the foundation for a new industry. You have a rare opportunity to be part of a team that is defining the space of decision sciences, as well as challenging widely held business practices and beliefs along the way.

At Mu Sigma, you will be challenged and you will challenge every day – you will be encouraged and rewarded for questions over answers, for challenging the status quo, for asking 'why not' over 'why', for being daring enough to counter experience with experiments, and for being bold enough to question traditional knowledge with new learnings. You will solve complex problems for Fortune 500 giants across Retail, Healthcare, CPG, Insurance, Automobile, and many other industries by combining Math, Business Acumen, Technology, Behavioral Sciences, and Design Thinking.

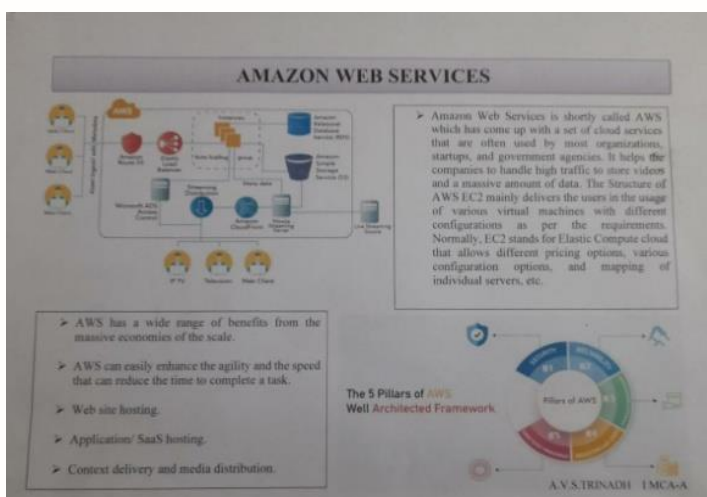
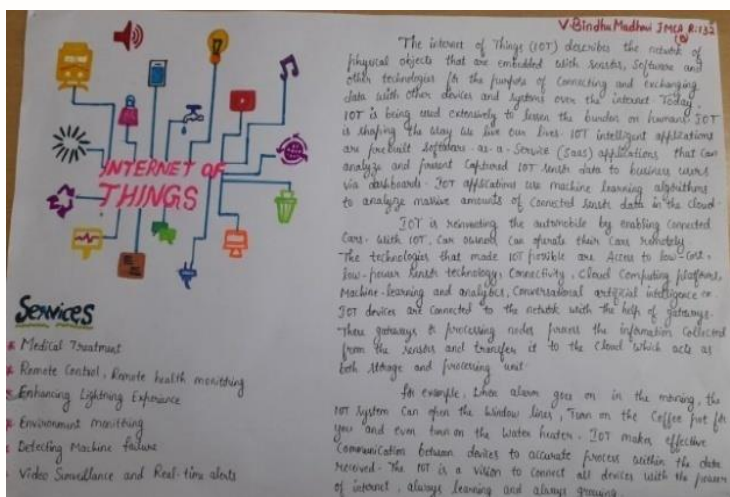
We trust you are as excited as us by the opportunities the future holds, and if you are committed to evolving into an elite decision sciences leader, **we invite you to undertake this journey with us.**

Mu Sigma Business Solutions Private Limited
Registered Office: Aviator Building, Level 14, Ascendas – ITPL SEZ Zone Whitefield Road, Bangalore, Karnataka - KA – INDIA – 560066
Tel: +91 80 7154 8000 | Fax: +91 80 7154 8050 | Email: info@mu-sigma.com | Website: www.mu-sigma.com
CIN: U74140KA2005PTC036309

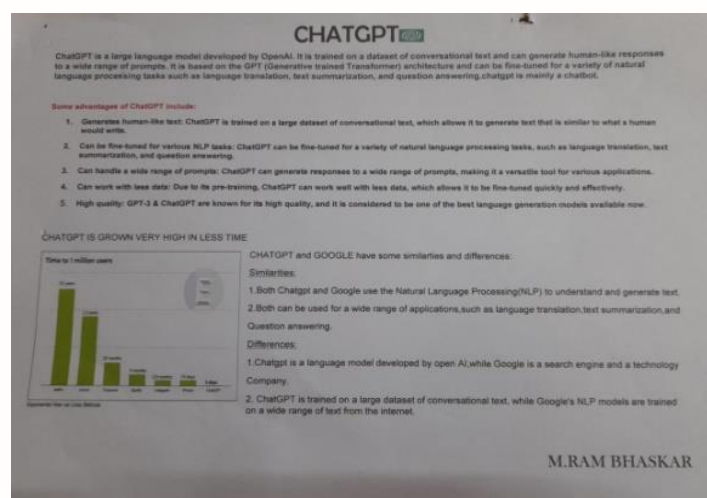
7. MCA students presented Articles on Advanced concepts of IT.

With an aim of increasing practical knowledge of their subjects, MCA students were suggested that they should present Articles on Advanced concepts of IT. Accordingly, with increasing spirit, they presented articles.

S.NO	NAME OF THE STUDENT	TOPIC
1	M.RAM BHASKAR	CHAT GPT
2	K.HARI CHARAN	DATA STRUCTURES
3	AVS TRINADH	AMAZON WEB SERVICES
4	V.BINDHU MADHAVI	INTERNET OF THINGS

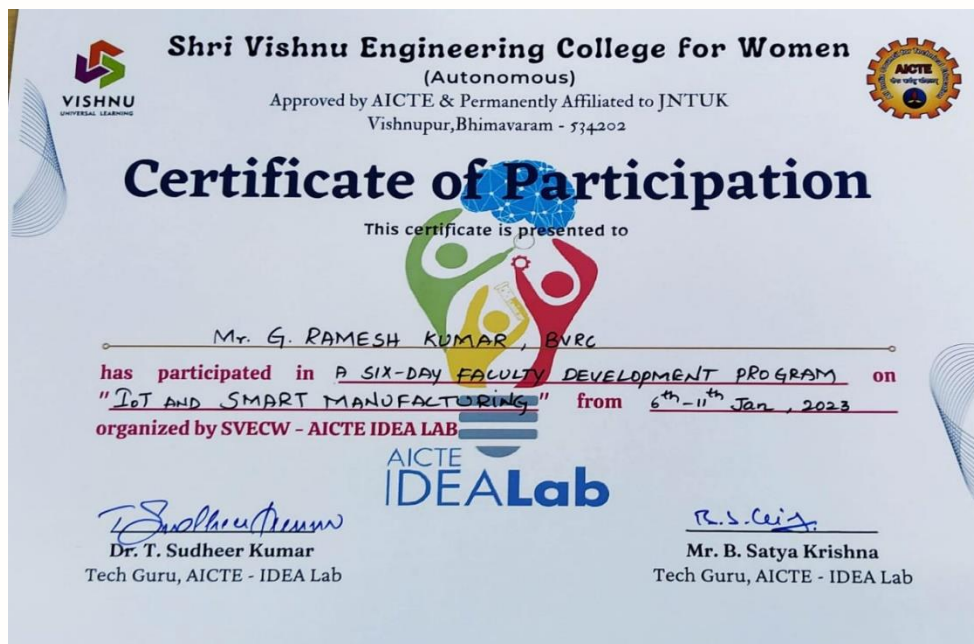


Algorithm	Time Complexity			Space Complexity	
	Best	Average	Worst	Best	Worst
Quicksort	$O(n \log(n))$	$O(n \log(n))$	$O(n^2)$	$O(\log(n))$	$O(\log(n))$
Mergesort	$O(n \log(n))$	$O(n \log(n))$	$O(n \log(n))$	$O(n)$	$O(n)$
Timsort	$O(n)$	$O(n \log(n))$	$O(n \log(n))$	$O(n)$	$O(n)$
Heapsort	$O(n \log(n))$	$O(n \log(n))$	$O(n \log(n))$	$O(1)$	$O(1)$
Bubble Sort	$O(n)$	$O(n^2)$	$O(n^2)$	$O(1)$	$O(1)$
Insertion Sort	$O(n)$	$O(n^2)$	$O(n^2)$	$O(1)$	$O(1)$
Selection Sort	$O(n^2)$	$O(n^2)$	$O(n^2)$	$O(1)$	$O(1)$
Tree Sort	$O(n \log(n))$	$O(n \log(n))$	$O(n^2)$	$O(n)$	$O(n)$
Shell Sort	$O(n \log(n))$	$O(n(\log(n))^2)$	$O(n(\log(n))^2)$	$O(1)$	$O(1)$
Bucket Sort	$O(n+k)$	$O(n+k)$	$O(n^2)$	$O(n)$	$O(n)$
Radix Sort	$O(nk)$	$O(nk)$	$O(nk)$	$O(n+k)$	$O(n+k)$
Counting Sort	$O(n+k)$	$O(n+k)$	$O(n+k)$	$O(k)$	$O(k)$
Cubesort	$O(n)$	$O(n \log(n))$	$O(n \log(n))$	$O(n)$	$O(n)$



8. Attended FDP

Mr. G. Ramesh Kumar successfully completed the FDP on IOT with hands on experience and a mini project also from 06-01-2023 to 11-01-2023 at IDEA Lab.



9. Participated in quiz on Data privacy.

Mr. Y. Srinivasa Raju has participated in the Quiz on "Data Privacy" on 28-01-2023 organized by dept of Computer science, Sri ABR Government Degree College, Bapatla.



