

BVRC



BVRC NEWSLETTER

MARCH 2023

**B V RAJU COLLEGE
VISHNUPUR**

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DEPARTMENT WISE EVENTS



MATHS & HUMANITIES

- Workshop on MATLAB
- Pupil Puzzle



LIFE SCIENCES

- Azotobacter Fertilizer Production
- Azolla a green manure Biofertilizer Production
- Guest lectures at other colleges



PHYSICS & ELECTRONICS

- Emergency rechargeable light from scrap
- Hands-on experience



B.Com

- Guest lecture on BUDGET
- Poster Presentation



UG CHEMISTRY

- One-day FDP on 'MEDHAM'
- Guest lecture on Atomic Structure



COMPUTER SCIENCES

- Quiz on TECH
- Guest lecture on Applet Programming



MCA

- C-Coding test
- Project development interactive session
- Interactive session on Vishnu LMS
- Quizzlet activity



ENGLISH

- LET US KNOW EACH OTHER, interactive session
- Mock interview practice
- Visual pictorial vocabulary
- Newspaper article writing
- Poetry Writing

PALCEMENTS IN MARCH

During the campus placements drives from various companies in MARCH 2023, students of B.V.RAJU COLLEGE including Degree, and M.Sc got selected in the following companies.

S.NO	COMPANY NAME	PACKAGE	NO. OF STUDENTS
1	HEXAWARE TECHNOLOGIES	3 LPA	4
2	WIPRO	1.86 LPA	4
3	EPISOURCE	2.5 LPA	21
TOTAL			29

29 **B.Sc.** and **B.Com.** students attained to jobs.



30 **M.Sc** students obtained jobs.

S.NO	COMPANY NAME	PACKAGE	NO. OF STUDENTS
1	HETERO DRUGS	3 LPA	30
TOTAL			30



Workshop on MATLAB

The Department of Mathematics & Humanities conducted a three-day training program on MATLAB from 27 to 29 March 2023. A total of 20 members were selected from all the branches of Mathematics and conducted this training program. MATLAB is the most commonly used software by students, faculty and researchers from all the disciplines for quick and accurate solutions for mathematics problems. The program was conducted in the morning session from 9.00 am to 12.00

12.00 Noon for three consecutive days. Each session was divided into two Parts. In the first half session students were explained the concept on projector screen and in the second half session students were guided to make practice on the computer systems concerning what they had been taught.

All the students were actively participated and listened with ardent attention all the topics as well as seriously engaged in practice sessions. Since it is the basic level of training, we focused on matrices, graphical representation and solving of differential equations. Students learnt the basic knowledge of MATLAB.



OBJECTIVES

It is used to create an interest in solving mathematical problems by using software.

It helps the students to understand the topics which are related to their regular curriculum.

It is used for quick and easy solutions.

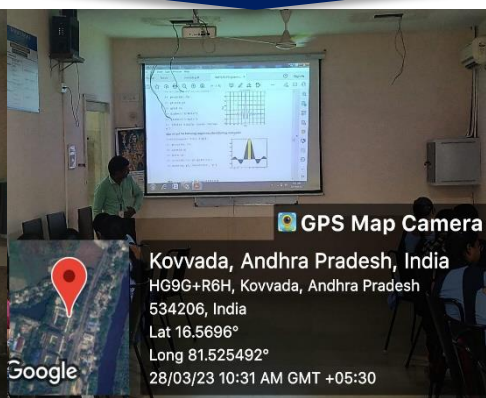
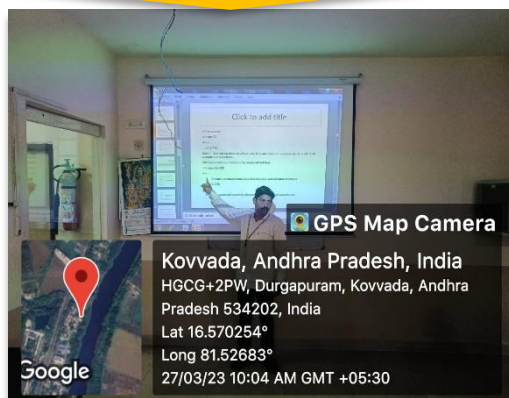
It is excellent software to plot the graphs in 3-D shapes.

It helps to develop programming skills that prepare you for your future career.

Importance of MATLAB
Basics of MATLAB

Math works on Matrices
Plotting of Graphs

Solving system of equations
Solving differential equations

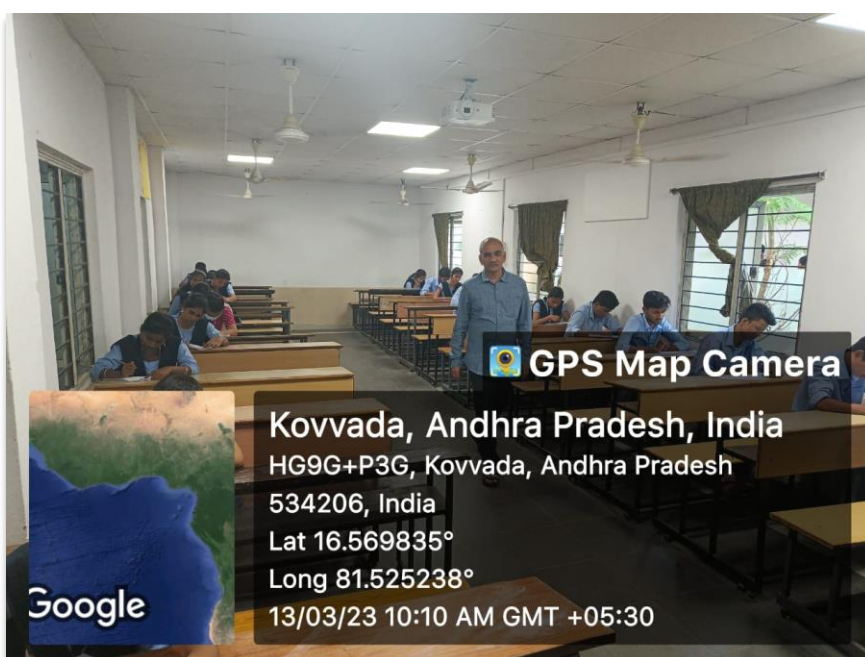


Department of Mathematics & Humanities conducted 'PUPIL PUZZLE' program for mathematics students on 13 March 2023. A total of 100 students from first year B.Sc registered for this program and finally 90 members attended. The main purpose of this event is to improve their skills in logical reasoning and data analysis. As the data interpretation and problem solving are the most important aspects in which the software companies are focusing, we need to encourage the students not only to participate in these events but also to strengthen their

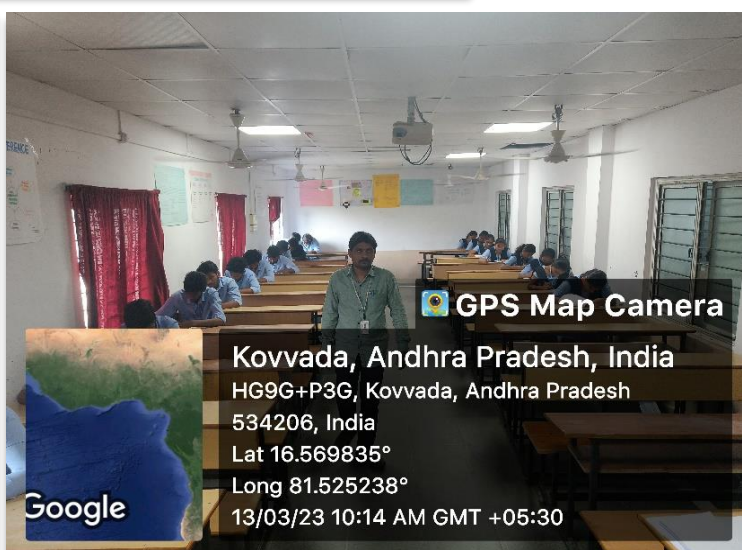
skills. It also helps them to get admission for higher education in some prestigious institutes by facing their entrance examinations more effectively. The test consisted of 20 questions, each carry 2 marks. All the questions were based upon verbal reasoning and number series filling. The students were asked to observe picture carefully and then choose the right answer from the multiple options given there.

OBJECTIVES

- It improves logical reasoning and mental ability.
- It enhances time management skills of the students.
- It creates an interest on mathematics and develops knowledge of it.
- It helps the students lose examination fear to which they are glued.
- It is to make them come forward and actively participate in other co-curricular activities.
- It improves their love for mathematics wholly.



STUDENTS' PARTICIPATION IN PUPIL PUZZE



"Quiz on Tech" event was organized by the Department of Computer Science, B V Raju College, Vishnupur, Bhimavaram on 6th March 2023 for III B.Sc Computer Science students. It was a 2-stage competition which covered the areas of Programming in C, Database Management Systems, Data Structures, Basics of Java and Python Programming Languages. It was most importantly intended to enhance the knowledge of the aforementioned areas concerning computer science which is useful in their future endeavors.



OBJECTIVES

It is used to evaluate the knowledge of the students within academics as well as beyond the academics.

It is designed to promote a fun way to study and to improve the student's knowledge in programming.

It enables the students to think from different angles or simply 'to think out of the box' to identify the output of the given program.

It promotes a healthy debate amongst participants in order to learn from each other.

By practicing these types of quizzes, students can do critical thinking, and get into a habit of innovative learning.

It integrates the game mechanics into the learning process; they help students understand the weaker areas.

It helps students to identify what they know and what they don't know.

A questioning teacher creates incentives for students to learn more.

SCREENING TEST

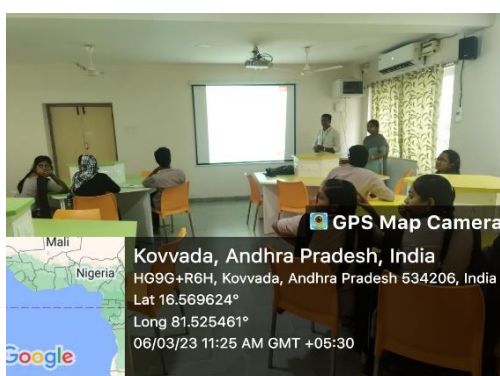
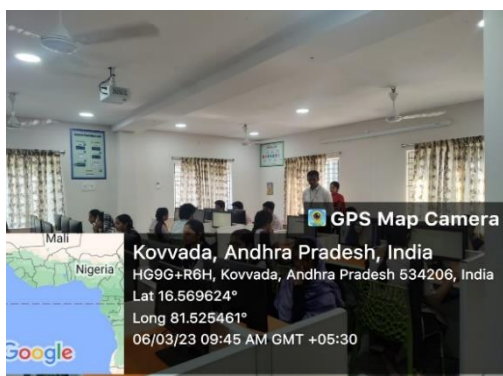
An online objective-based screening test with 30 questions from various programming languages were conducted for all interested participants. A total of 46 students are participated in this screening test. Among them the top 24 students are selected for the next stage.

ROUND-1

For these 24 students, the quiz was conducted in two rounds. The round-1 was held with 16 questions; 2 questions for each batch. After completion of Round-1 a total of 4 batches (12 Students) are selected for the next round.

ROUND-2

The round-2 quiz was conducted with 8 questions; 2 questions for each batch. After completion of Round-2 a total of 3 batches are selected as winners.



Mr. M N Ravindra Babu, the Department of Computer science B V Raju College, who was invited as a resource person to deliver a guest lecture on the subject of "Applet Programming" to the students of final year diploma students of Smt. B. Seetha Polytechnic College on 21 March 2023. Smt. B. Seetha Polytechnic intended to enrich the knowledge of computer science which is more prominent for their future projects.



Addressing all the students with the introduction of the topic that I took for the guest lecture, I told about the various topics like, Categories Java, Buzzwords, Principles of java, Applet Programming. Throughout the session the students got immersed in the lecture. As it is very informative, they also raised their queries in relation to the topics they were taught during the lecture. They attained the knowledge which is obligatory for their studies.



OBJECTIVES

It was intended to educate the students about the importance of Applet programming. He concluded the session by presenting how Java applets are used to provide interactive features to web applications and can be executed by browsers for many platforms.

AZOTOBACTER- BIOFERTILIZER PRODUCTION

The department of Life Sciences from B.V.Raju college initiated the production of Biofertilizer **AZOTOBACTER** in the month of March. Our final year students got involved in this biofertilizer production programme and two of our department faculty members coordinated this activity.

Azotobacter is a free-living asymbiotic Nitrogen fixing bacterium present in the soil. It produces plant growth promoting substances like Indole acetic acid,

Gibberellic acid and Vitamins to favor the plant growth. We will increase the crop yield by using Azotobacter as a biofertilizer in the fields like rice, wheat, millets, cotton and also vegetables.

OBJECTIVES

We initiated the cultivation of Azotobacter in a small-scale manner in our laboratory. For this case, we have prepared Jensen's medium, which is a Nitrogen free Glucose medium in a conical flask and inoculated a small amount of garden soil into this medium. We have incubated the flask at 30°C for the cultivation of Azotobacter for a week. After one week we observed the growth of Azotobacter biofertilizer in the flask.



AZOLLA – A GREEN MANURE CUM BIOFERTILIZER PRODUCTION

Department of Life sciences from B.V.Raju college initiated the production of Biofertilizer **AZOLLA** in the month of March. Our final year students are involved in this biofertilizer production programme and two of our Department faculty members coordinated this.

Azolla is a free-floating fresh water fern. It can fix 40-80 kg Nitrogen/ha/year. Rice crop yield will be increased up to 15-20% while fertilizing the rice with Azolla. It works as a good Green manure.

OBJECTIVES

During March, we initiated the cultivation of Azolla in a small-scale manner. For this case, we have inoculated Azolla mother culture in to plastic trays containing fresh cattle dung mixed with water and lime. These inoculated trays are kept in exposure to light for the growth of Azolla.

Students learnt what is Azolla and its uses by hands-on experience visiting farms nearby places the college. They are content with what they learnt.



VISHNU SCHOOL, VISHNUPUR

Mr. V.A.S.S.D.V. PRASAD RAJU, Lecturer in Microbiology from Life Sciences department was invited as Guest faculty for

+1 and +2 Biological background students at Vishnu school, Bhimavaram and delivered lectures on Microbes in Human Welfare and Immunology topics for +2 Biology students on 29 March 2023. The children were taught about the importance of microbes in life.



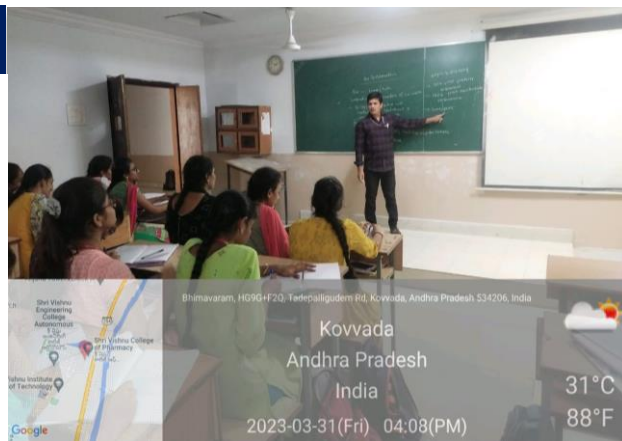
VISHNU SCHOOL, VISHNUPUR

Mr. J. RAMESH, Lecturer in Biochemistry from Life Sciences department was invited as Guest faculty for +1 and +2 Biological background students at Vishnu school, Bhimavaram and delivered lecture on **BIOMOLECULES** topic for +1 biology students on 29 March 2023. It was held to make the children know the importance of Biomolecules like proteins, carbohydrates lipids, nucleic acid are the organic compounds present in our body which are responsible for carrying out metabolic processes in a living being. Bio molecules play a vital role in structural and functional development of our body.



SRI VISHNU COLLEGE OF PHARMACY, VISHNUPUR

Mr. J. RAMESH, Lecturer in Biochemistry from Life Sciences department has invited as Guest Lecturer to Sri Vishnu College of Pharmacy and delivered lecture on **Bioinformatics** for III YEAR B Pharmacy students. They were informed how Bioinformatics is mainly used to extract knowledge from biological data through the development of algorithms and software. Apart from that, its other benefits in various fields.



S.V.K.P COLLEGE, PENUGONDA

Mr. M.E.A.V.V. RAMBABU, Lecturer in Biochemistry from life science department has invited as Guest lecturer to S.V.K.P College Penugonda and delivered lecture on opportunities in Biotechnology for III YEAR B.SC Life science students. After graduation, it is a common doubt for every student that what benefits I have from this course or other. As a result, he took a session on how many career growth opportunities are there concerning Biotechnology. Students were well-informed about the career opportunities.



III MPCs students who are preparing emergency lights using scrap of electronics.

The department of Physics and Electronics initiated CENTRE FOR INNOVATION. By this center, all the students with avidity in creative knowledge are encouraged to produce new products from scrap of electronics. Students are eager and availed of this opportunity provided by the department to enrich their skills. The reason for encouraging the students in creating new innovation is to enhance their confidence levels of new innovation as well as their competency abilities that are obligatory for every business magnate.

The students from MPCs **K.Y. SURESH BABU** and **B. DINESH** have designed an **EMERGENCY LIGHT** as per the requirements of the faculty members.

These emergency lights are built from the E waste i.e., from the old tube lights (LED).

These emergency lights are of two models one with 10 LEDs and the second with 22 LEDs.

The advantages of EMERGENCY LIGHTS made by students are compact, easy to carry, easy to connect, rechargeable and have a backup of 3-4 hours.

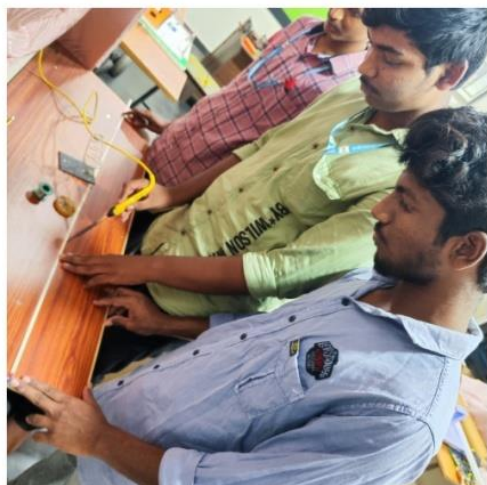
Components used are LED, rechargeable Li-ion battery, BMS board, box/tube, connecting wires, switch.



The Center for innovation has started hands on experience to the students of I MPCs with basic soldering techniques and DMM usage.

The students from I MPCs & II MPCs have collected faulty led tube lights from the college storeroom and faculty.

In the CFI lab they repaired the tube lights and now they are working.



FDP ON
MEDHAM

The department of Chemistry conducted a one-day collegiate FDP to the teaching faculty on 28 March 2023 at MCA seminar hall in B.V.Raju College. The HOD of chemistry intended to conduct this FDP on 'MEDHAM' that is amalgam of necessities required by every individual mostly by a teaching faculty because he is more responsible than any other one in the world' immediately after he got this idea. He thought that this worked as a reminder for every individual of his responsibilities as well as it could upgrade the knowledge and improve pedagogy skills among faculty.

OBJECTIVES

During the FDP the following points were covered by the speaker, D.Ravi Kumar, HOD of Chemistry.

- He reminded all teaching faculty of their responsibilities.
- He talked about the rights of faculty.
- Sharing the knowledge of preeminent and magnanimous people like M.Visweswarayya and Dr. Samuel Johnson, he reminded all faculty their responsibilities.
- He talked of symbiosis and applied to the lives of people.
- He stressed about ways of speaking 1) అవిస్తరం 2) అసందిగ్ధం 3) అవిలంబితం 4) అవ్యదం
- He finally stated that every individual is leader. All the faculty are leaders. How responsible every faculty was clearly informed.



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MARCH

**MONTHLY
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GUEST LECTURE

UG CHEMISTRY

GUEST LECTURE ON ATOMIC STRUCTURE



Mr. J.L.S.S.Phani Kumar, Lecturer in Chemistry from UG Chemistry department was invited as Guest faculty for I year diploma students at Smt. B. Seetha Polytechnic College, Bhimavaram and delivered lecture on **ATOMIC STRUCTURE, CHEMICAL BONDING** topic on 23 and 24 March 2023. It was held for two days to make the students know the importance of chemical bonding. Around 50 students from ECE, EEE and Mechanical attended. It was conducted by Smt. B. Seetha Polytechnic College.

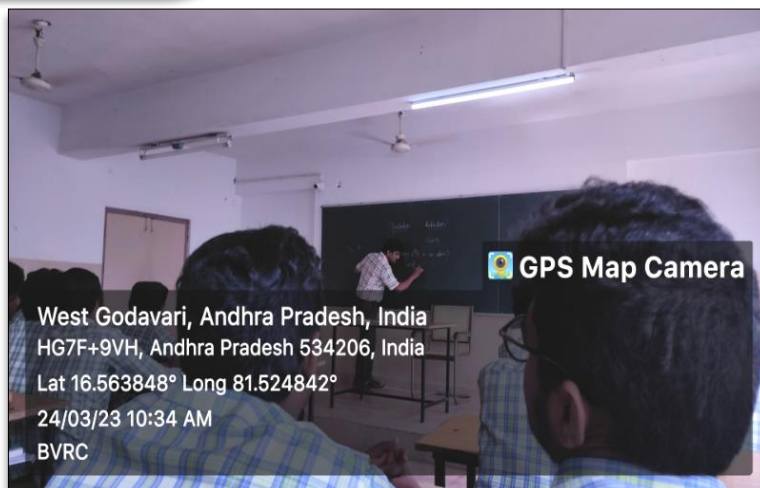
The study about the structure of an atom gives a great insight into the entire class of chemical reactions, bonds and their physical properties. After studying this lesson on the atom, your students will be able to: Describe the three subatomic particles in an atom. Explain the differences between protons, neutrons, and electrons. Recap the characteristics, and arrangement of elements in the Periodic Table.

After studying this unit, the student should be able to: Students can define the chemical bond and the cause of chemical bonding. They can explain different types of bonds formed by the atoms. They can differentiate between ionic and covalent bonds. They can also draw the shapes and geometries of various molecules by using VSEPR Theory

23 March 2023



24 March 2023



GUEST LECTURE ON BUDGET

The Department has organized a guest lecture on Budget, the latest changes in the new budget for the year 2023-2024. In this topic covered are tax policies and procedures in India for I B.com Students on 02/03/2023. The Students has participated with utmost enthusiasm to know about the taxation systems and new slab rates. The program got organized Under the guidance of D.Satyanarayana, HOD, Department Of Commerce and all the Department faculty members. Dr K.Ganga Raju, Associate professor, VIT addressed students and created awareness on Budget Allocations.



POSTER PRESENTATION

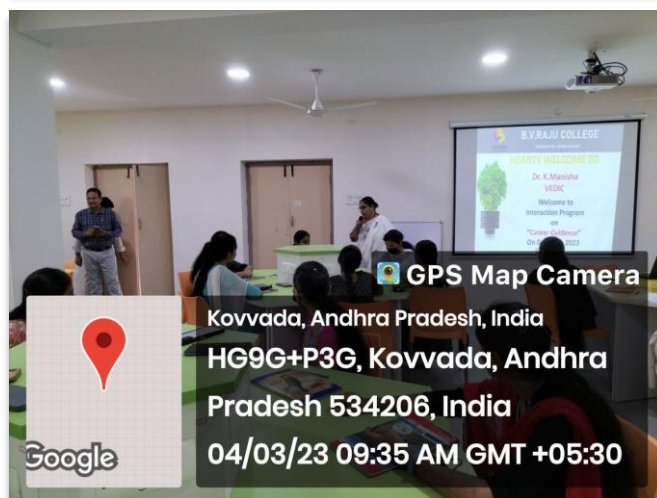
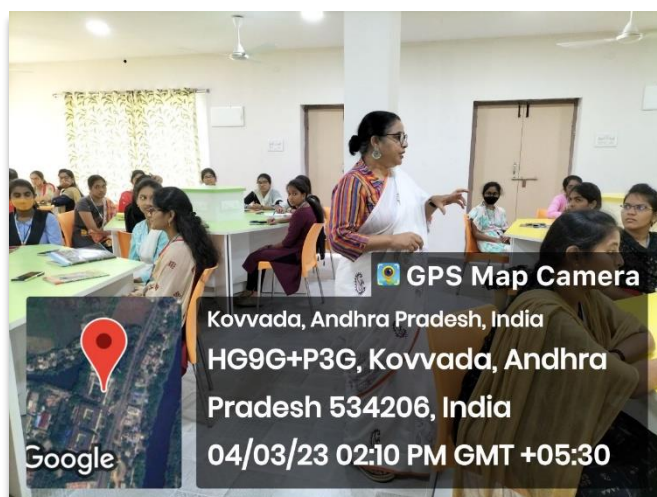
The Department of Commerce conducted a Group poster presentation on Insurance and promotion for first B.com students on 28/03/2023 to enhance the Creative skills of students on the topics of insurance and its importance. The student's presentation of charts, knowledge of the insurance sector discussed I the students ddiscussed and explained their point of view in a very convincing manner. The activity got organized under the guidance of P.Syamala Deepthi, Assistant professor, Department of commerce.



As all colleges wish the well-being of the students, so the B.V.Raju College is. We give top priority for the welfare of the students because the well-established focus on studies is possible for a student when he is well in all terms of his life, especially with regard to the things that make them go astray and not consider academics. This led us to conduct one-day program on student affairs; we invited K.Manisha, Director of Student affairs, VEDIC, Aziznagar, Secunderabad.

On 04 March 2023, Ms K. Manisha arrived to college at 9:30 am and began the program, which was arranged at MCA seminar hall in the morning session for a total of 70 from MPCs, MECs, B.Com students in B.V.Raju College, asking a question that do you know that what you are, because everybody has to know, first and foremost that what he is; then only, he can focus on studies and advance in studies, she opined. She put a title for the session, "Let us know each other."

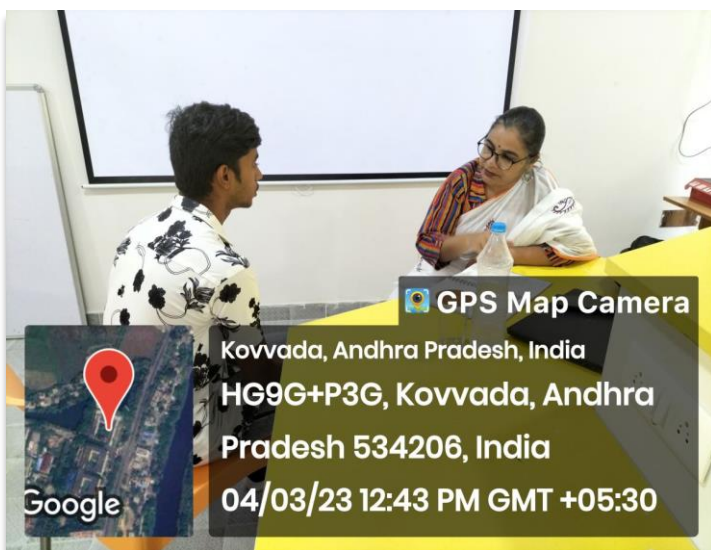
Knowing all the ins and outs of the students concerning family background, personal affairs; and rendering suggestions and resolutions to all the problems identified, she was fully absorbed in the morning session. While she was presenting her talk, she talked about the importance of communication skills for effective career in the job life, self-confidence improvement, problem solving skills, knowing one's positives and negatives, fearless talk, SWOC analysis, goal setting, human behavior and its importance in one's life, and decision making and its role. At the conclusion of morning session, she specially interacted in an affable and amicable manner to deal with problems of the two students found with typical problems for half an hour spending 15 minutes for each one. Afterwards, she entrusted the responsibility of those two students to the faculty to take care of.



Followed the lunch, the program began at 2:00 pm exactly. At noon time, a total of 74 students from BTBCC, MBBTBC, and MSCs attended to the program. She again interacted with the students just as in the morning session asking questions as well as curing all the doubts aroused by the students. Students too got involved in the immense knowledge of the resource person and learnt many lessons that are useful for their future endeavors.

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Throughout the whole day including morning and session's program, students got immersed and captivated by the voice, knowledge, wisdom and understanding of the resource person, K.Manisha from VEDIC. Undoubtedly, she gave a commendable performance and activated the brains of the many students who attended the program. They felt their gratitude for the resource person in the both the sessions. Feedback was collected by the students in relation to her performance.

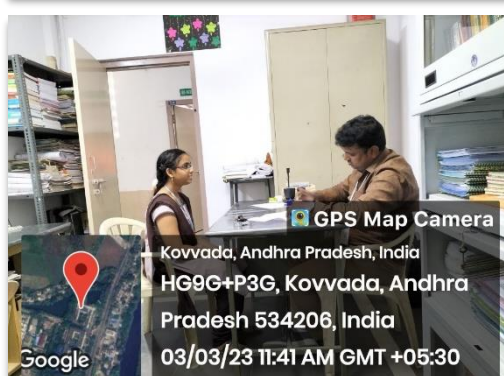


PLACEMENTS

Mock interview is very crucial for the students who appear job interviews because it makes them strengthen in all regards, especially enhances confidence skills and ability to encounter interview panel team with a bold spirit.

Interview is a common thing faced by every student who is being educated at the end of academics of his due course. This interview offers a student with abilities and skills with a good campus placement opportunity with a handsome

package annually. In order to do this, Job givers conduct personal interview in the name of HR for every job aspirant. This personal interview is a final phase of a process of any Government or non-government job that is held for student. It is equally important like other phases, for instance, Verbal ability test and Technical interview. As a result, the preparation for this personal interview is above all and has to be taken seriously at top priority. In personal interview, students are generally posed questions concerning self-introduction, details of the company for which they applied, achievements, strengths, awards, hobbies, goals and other related questions based on the performance of the job applicants.



Since personal interview plays a preeminent role in offering a student with a placement, evaluating one's talents, a Mock interview was decided to conduct by the department of English. Mock interview is a kind of session for a student to know the questions pattern followed in common by all software companies to select a suitable individual for the position. When a student has an idea on all sorts of questions, they can encounter effectively the real personal interview. This is the reason why; mock interview was conducted. Furthermore, mock interview is a kind of rehearsal for a job aspirant. As the quote "the more we practice, the perfect we become" says, ahead of practice of a main interview give enough preparedness for it. For this reason, in the month of March, 2023 mock interview was conducted to the students of fifth

semester. Aside from mock interview, resume verification was done for five sections B.Sc final year job aspirants.

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.

06-03-2023

B. V. RAJU COLLEGE
Daily Words

LOGGERHEADS
In a state of quarrelsome disagreement strongly.

Since the wife and husband have been at loggerheads, their son can not be parented well and suffers a lot.

MNEMONICS
Tricks that help you remember something.

Remembering all lengthy procedures of a subject is a challenging task for a student, so trainers teach mnemonics mostly.

DEPARTMENT OF ENGLISH

09-03-2023

B. V. RAJU COLLEGE
Daily Words

BURSARY
A sum of money given to a person by an organization, such as a university, to pay for them to study higher education at a university.

Bursary that makes higher education possible for a student with financial crisis at University or other equal. For this, one must have a good academic history.

IN-HOUSE
Something that is done within an organization or business by its employees rather than by other people.

TCS offered a leadership program named TAS (Tata Administrative Services) program to in-house employees to help them to improvise effectively.

DEPARTMENT OF ENGLISH

18-03-2023

B. V. RAJU COLLEGE
Daily Words

SOPORIFIC
Something that causes sleep.

He has a great penchant for music. When he is tired of anything, he listens to melodious and soporific music that causes him fall asleep and gets revitalized.

IMMACULATE
Something that is clean and neat.

Every room and furniture in the house are immaculate and gives a feeling of serenity to the mind. Wholly, the house is captivating.

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."

As a result, the department of English is concerned about the massive increase of vocabulary of every student who studies in B.V.Raju College. In this connection, we send two visual pictorial vocabulary daily through social media. In the month march, 2023, this daily activity was done.

29-03-2023

B. V. RAJU COLLEGE
Daily Words

AMBIDEXTROUS
To have equal ability in both hands; mostly, able to write equally well with both hands.

Legible writing by right hand or left hand is very common, but ambidextrous is a special and rare talent that is always commendable.

NARCISSIST
One who falls in love with himself.

Narcissist who minds his wellbeing and happiness. He is self-centred and revolves around himself only. He doesn't mind others feelings.

DEPARTMENT OF ENGLISH

BEFORE WRITING

Students are asked to work in pairs / individual to read and summarize an article that interests them / him / her in their own words. Each pair / individual then reports back to the class about the article they read the same day or the following day. Students also list words or phrases that are not known to them while summarizing newspaper article.

As I mentioned earlier about the importance of writing skills for student individual, newspaper article writing, an activity based on newspaper was held by the students throughout March 2023 by taking the suggestions. A total of 6 students from first year degree have reviewed articles in the newspaper.

NEWSPAPER ARTICLE WRITING

Writing is a productive skill. For today's employee at an office, writing skills are essential. Undoubtedly, the way we convey our messages, ideas and thoughts decide the career growth of the professionals. Today's students are tomorrow's employees. As a result, we initiated newspaper article writing to the students. It enhances vocabulary building, grammar skills, punctuation development and sentence structure. In this process, students select a news article from newspaper by thorough understanding at first.

Breathing the toxic air of Chandrapur

Every day, when 10-year-old Madhav Mundhada comes back from school tired, he takes at least 45 minutes to finish his meal. He is forced to eat slowly. "Sometimes food triggers his asthma attack," says Dr. Gopal Mundhada, his grandfather who is a paediatrician and former president of the Chandrapur chapter of the Indian Medical Association.

Madhav has had severe asthma since he was two or three years old. Mundhada says he is convinced it is because of the air pollution in the neighbourhood.

The Mundhadas are an intergenerational household a few stores' throw away from the coal-fired Chandrapur Super Thermal Power Station (CSTPS) in Maharashtra's Chandrapur district. A hulking seven-unit facility with a capacity of 2,920 MW, the plant has been belching toxic substances for nearly 40 years. The air around the CSTPS smells charred and pungent. It reeks of the smell of continuous combustion of petrol or coal. The radius of the plant is beset with trees, and inhabited by the employees of CSTPS, who claim that it is not uncommon to spot a tiger on the premises of the plant.

Chandrapur city is known as 'India's Black Gold City' and is in the Vidarbha region, the coal-rich belt of Maharashtra. It is also one of the most polluted cities in India. The city is an industrial area, home to cement, explosives, paper, and textile factories, in addition to mines.

The CSTPS plant alone releases 7,100 metric tonnes - almost the weight of 18 jumbo jets - of fly ash, a fine particulate by-product of coal combustion that is known to be carcinogenic. It also generates 2,900 metric tonnes of bottom ash, the heavier coal waste that is non-combustible and needs to be stored safely to prevent it from percolating into the groundwater. Both these forms of coal waste are together known as coal ash.

Critically polluted

Several studies have shown the effects of this pollution. A June 2020 study showed that among street vendors, 52% of those surveyed by two researchers in Maharashtra had complained of respiratory tract infections. According to a report published in February 2022 by the Centre for Research on Energy and Clean Air (CREA), an independent organisation founded in Helsinki, the operation of units at CSTPS in 2020 could be linked to an estimated 85 premature deaths in Chandrapur and 62 in Nagpur, about 120 km to the north. The study also said that the level of ambient air pollution from CSTPS resulted in various health illnesses, which led to 34,000 sick leave days in Chandrapur and 30,000 days in Nagpur. MAHAGENCO responded by serving a defamation notice to CREA. It dubbed the study "mischievous", "baseless", "false", "misleading" and "unscientific".

There are several complaints of respiratory issues in the area around the plant. "Children are falling sick because of pollution. If we go to a public hospital, they ask us to come in, give us medicines and an injection. That's it," says a resident of the city.

Dangerous disasters

Around 40 km away from the plant is an ash pond that holds coal waste in the form of slurry. "All the bottom ash (2,900 metric tonnes that is produced daily) is dumped into the ash bund by the CSTPS. Then the ash leaks into rivers, nullahs and people's agricultural land," says Suresh Chopra, an activist in Chandrapur.

In September 2020, the Maharashtra Pollution Control Board (MPCB), which is responsible for overseeing CSTPS' adherence to environmental norms, wrote in a letter to the electric utility saying it had found seven million metric tonnes per annum of ash dumped in the bund and the plant is storing ash in an unscientific manner.

In March last year, a pipe that carried fly ash slurry from the thermal plant to the ash pond reportedly leaked right over the Erati river, a lifeline for the people of Chandrapur. Sapate claims that the quantity of the leaked slurry was very little.

Ash was reportedly found along the river bed and accumulated in many places on the road next to the pipe. "There was no such thing witnessed," he says.

Dangerous disasters such as the slurry leak are an all too common in India. There have been 76 such incidents reported in just the last decade, according to the Flyash Watch Group.

"The ash pond is a temporary storage unit," says Sripad Dharmadhikar, a policy researcher at the Manthan Adhyayan Kendra, an organisation that studies various environmental issues such as water privatisation, inland waterways, coal and water, and water policy in India. The latest rules regarding coal ash stipulate that the rate of fly ash generation is supposed to meet the rate of utilisation, which means 100% of the fly ash being generated needs to be recycled. Fly ash utilisation is the process by which waste is recycled for reuse in cement, concrete, mineral filler for asphalt roads, etc. As per the rules, all coal power plants must reuse 100% of their fly ash within three years or face a fine of ₹1,000 crore. However, one in every two coal-based plants flouts these norms, according to a report by the Centre for Science and Environment.

The better way forward

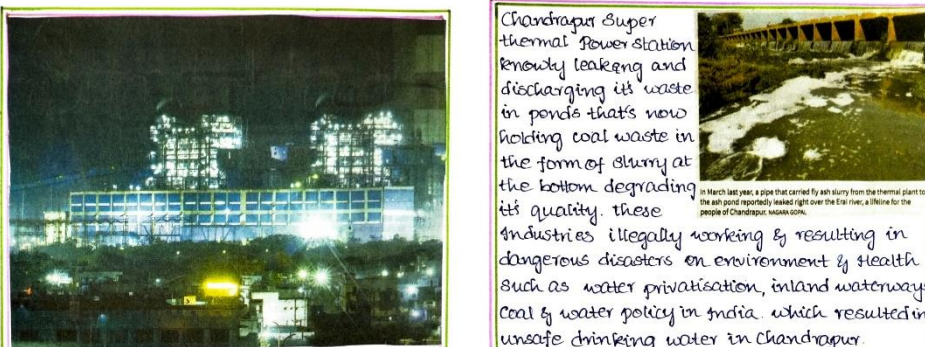
India produces almost 180 million metric tonnes of flyash every year and a significant fraction of it remains untreated and unrecycled. The Indian government has issued various notifications on fly ash utilisation, demanding beneficial reuse instead of all-out disposal. Installation of flue gas desulphurisation (FGD) units, and safe disposal of fly ash. Yet, India has recycled only around half of its fly ash even as it generates more.

In 2020 alone, CSTPS emitted 4,724 tonnes of particulate matter, 1,010 tonnes of SO₂ and 28,417 tonnes of NO_x, according to a recent study by CREA. PGD is a system that can help cut SO₂ emissions by up to 80-90% in some units. This way, "More than 1,300 lives could have been saved in 2020 if the CSTPS (had) installed PGD," CREA's report says.

Group (Prison) Name: Md. Saleha Maryam

Spread of toxicity
In the air of
Chandrapur.

The Chandrapur Super Thermal Power Station situated in Chandrapur, A hulking and largest 7-unit facility, has been blowing out the toxicity in the air for nearly 30-40 year till now. People living in the city of Chandrapur breathe the toxic air which is surrounded in their spoiled environment. Thermal Power Stations like this knowingly and willingly spoil & damage its pure & safe immediate environment.



Reports:

According several research and studies it is proved that every day children within the age group of 10-15 years suffer from asthma attacks. Because of continuous breathing of toxic substances in the air. The quality of Environment is gradually decreasing. (CEPI) High score of 76-41. Chandrapur city is known as "India's Black Gold City". It apparently has become one of most polluted cities in India. Street vendors, people living on footpaths and also who travel daily (passengers) around 35% of them are facing the issue of Respiratory tract infections. and also by few reports by

Chandrapur Super thermal Power station knowingly leaking and discharging its waste in ponds that's now holding coal waste in the form of slurry at the bottom degrading its quality. these industries illegally working & resulting in dangerous disasters on environment & health such as water privatisation, inland waterways coal & water policy in India. which resulted in unsafe drinking water in Chandrapur. water contained heavy metals such as mercury arsenic & cadmium can causes cancer of bladder & liver. public demanded ₹5 crore as compensation for spoiling ponds. However, Government is taking steps to improve the quality of environment, forests & climate change. by utilisation of fly ash. demanding beneficial reuse instead of all-out disposal. Alerting industries to safely dispose the waste without creating any harm to ponds & rivers or agricultural lands. Also decrease in the emission of harmful gases & chemical into the air. for safe lives of people residing in Chandrapur.

Writing is a productive skill. For today's employee at an office, writing skills are essential. Undoubtedly, the way we convey our messages, ideas and thoughts decide the career growth of the professionals. Today's students are tomorrow's employees. As a result, we initiated Poetry writing to the students. It enhances vocabulary building, grammar skills, punctuation development and sentence structure. In this process, students were asked to narrate a poem on their own only to enhance required language skills.

PRIZE DISTRIBUTION



The process of writing poetry can build vocabulary. Individuals will learn how to incorporate new words when writing and understand their meanings. Poetry writing will expose individuals to literary devices such as alliteration, metaphors and personification. Their writing skills will improve and writing essays, reports and emails in the future will become easier. Poetry can also be performed live, also known as a poetry slam. Public speaking skills can be improved as well through performing. Poetry writing helps to know rhythm and rhyming that is a heartbeat of a poem.

It can enhance descriptive vocabulary.

It enriches language skills.

This practice makes them develop figurative language.

It improves usage of grammar skills effectively.

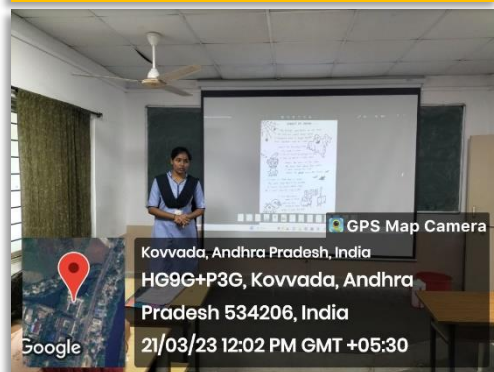
It develops a taste for literature in them.

It develops the imagination in them.

It enhances aesthetic sense of the students.

Because there are above benefits for the students, poetry writing activity was held for degree first year students on the occasion of World Poetry day 21 March 2023.

PPT PRESENTATION



POETRY WRITING

MONTHLY NEWSLETTER - 2023

EVENTS

Students who are interested in writing skills improvement, immediately after the announcement of poetry writing activity, around 16 members came forward to narrate poems on their own. They chose different areas to narrate the poem. The imagination they put in the poem got vitality to theme of the poem they selected. In this regard, they were given some time in advance for effective delivery of the poem. They narrated all the poems with curiosity. The below are some of the poems narrated by students.

"KNOW YOURSELF"

In this journey of life,

Every step I take, should accompany me
Every word I take, should be true
Every thought I take, should be important
Every thing I do, should influence my passion

I need to know why I was born,
Because birth is the greatest gift.

I need to know why I should be unique,
Because uniqueness creates impacts.

I need to know why I should give respect,
Because respect returns smiles.

Don't let the tears comes to sorrow,
Let the sorrow comes to success.

Don't let the difficulties down you,
Let the difficulties know that, you too are difficult.

This life is yours
Live as you like...

Written by

Written by
V. Tejaswini - IMPAB

Intensity Of Life

Living in a world full of population
Still I felt lack of communication...

One day, walking for hours reached
to a beach heart broken !
looked at the setting sun with eyes frozen...
After a while ,
I'd a smile...

As being imperfect is not my Fault !
Even a pretty looking sea water has salt...

I was no more sad
Because the marvelous sunset made me glad...
I was surrounded by cool air
Chilling the moment, fiddling with my hair...
use to think my life is boring
Now I actually think of Exploring...
Let's just give it a chance!
Since, I want my life to enhance...

- sateha Maryam

LET'S

Sonnet
 Recipient of our presence & music.
 With every other person
 After all we might leave a lesson.
 Doing
 Attract with the tiny source of common sense
 To try we need our hair longer in order to get away
 Try
 Something new exploring and make mistakes
 After all we are humans
 Struggle
 With all our reason and brains
 After all we are here to face the trouble
 Try
 To every class that we attend we should
 After all we all reach out to remember

TO
THE GENERATION WE ARE IN

- In this generation, we're always connected. Things move faster to which we added
- By connected I mean screen time on our cell phones. Our text not forget the importance of conversations
- We validate our presence, change direction and share but some really important is not worth a text
- Let's not forget the human touch. The power of love has more power
- Let's not lose ourselves in the digital world. Don't forget the beauty of life throughout
- Let's embrace the scenery, and don't mind the wonders of life, let's take time to pause and
- Let's take time to smile and be happy. And create a world that's not so strange

Desire

A bird want to fly
for his first flight
Have fear of height
but want to reach the light
Tried to fly with desire
but dropped down to the ground
Tried and Tried to fly
finally flying high in the b

V. Harshitha
I-MSCS-B.

You Are An Artist

we are all artists
painting our lives upon
The canvas of reality

Mix the colors your own way
And apply emotion liberally
Don't be afraid

Let your brushstrokes show,
And above all else
Make sure your art has soul

your art
is not about
how many people
like your work

your art
is about
if your heart likes your work,
your soul likes your work

Name:- Pujitha. Siddani
Group:- Ist BTBCC

CONFIDENCE

The power of confidence
is a force that creates life
it arises from something greater
within you, but not from you
The confidence in you
opens up a new road
for success
And weeks turn into a
better future
Love makes a man
Self confidence shapes a man
Intelligence guides a man
to be a real man
be prepared to face challenge
As winning becomes the way of
Life

Name :- V. Jyoti Lakshmi
class :- XII CBSE

GHOST IN HOME...

My family's gone back to our home
It's only me, what have you done?
I couldn't have a single friend!
There shouldn't ever be more!

What's the bumping? I know
My dad's in town
I am on school! Pumping's so fun
I hope my dad & I did near

Let's see the track on the clock
My head hurt from there before
I haven't seen the clock
About the ghost house we took

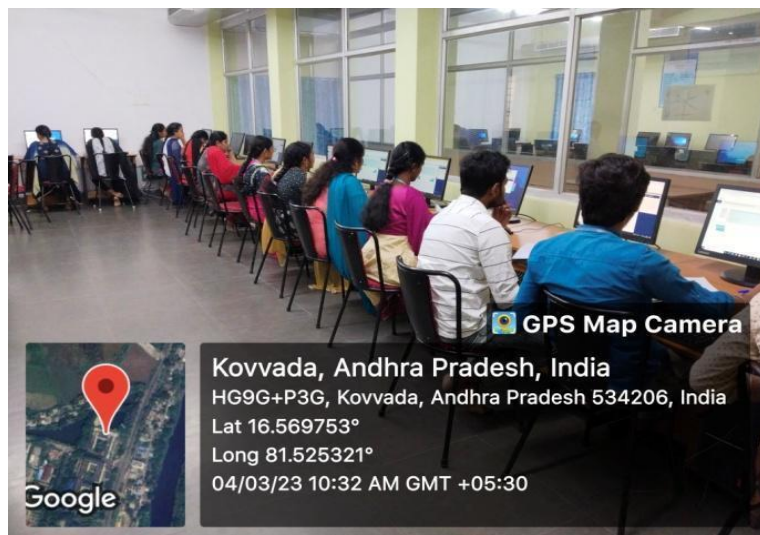
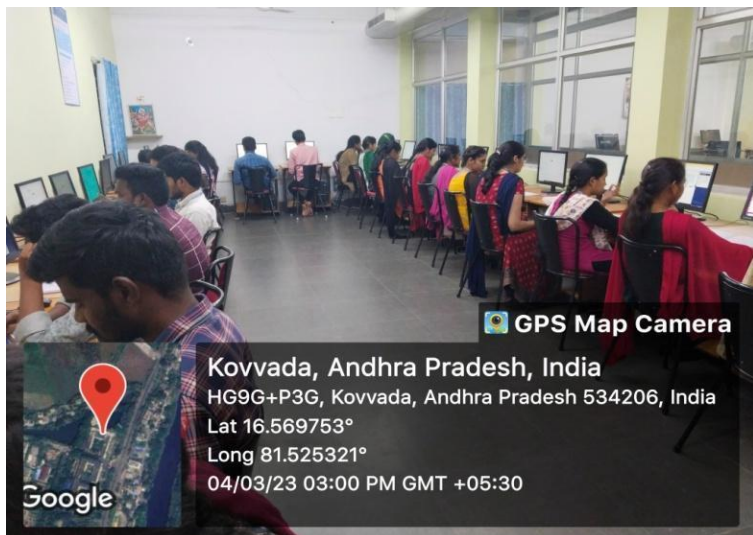
I have a real Mom & Dad
My dad says family's a mistake
I don't want my uncle's name like
I don't want the song I do

Now, about this
Place in front
Can you find,
Ready to find?

Before I put the hat
I remember.
I have a cat

- S. Karmazin

On 04 March 2023, a C-Coding contest was conducted to I MCA students in Vishnu LMS in MCA lab. It was to improve the skills of coding for computer programs. Learning coding as a student is about far more than developing skills to build or manipulate code for computer programs or video games. The skills learned through coding curriculum can be applied to activities that span well beyond computers and digital use.



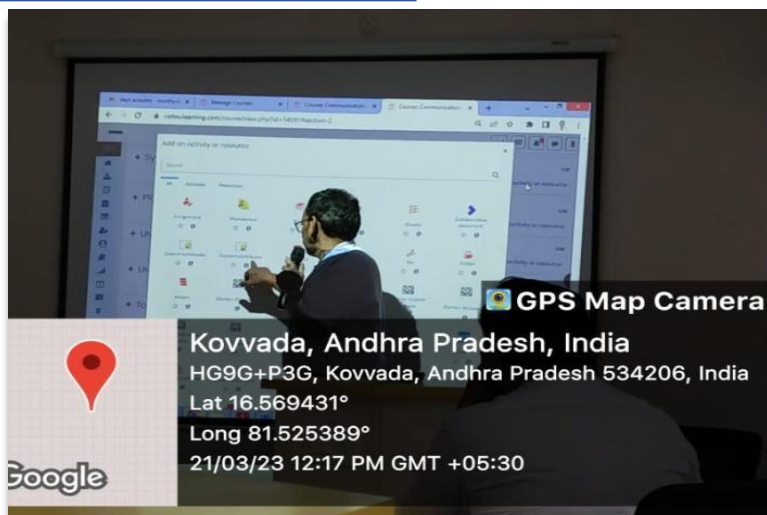
PROJECT DEVELOPMENT INTERACTIVE SESSION

An interactive session on Project Development was conducted to II MCA Students by Train-A-Tech Pvt. Ltd., Hyderabad on 18 March 2023 in MCA Block. It was conducted to make the students to know how to develop a project and enrich their knowledge.



INTERACTIVE SESSION ON VISHNU LMS

An interactive session by V. Bhaskara Murthy, HOD, Department of MCA to all the faculty members of B.V.Raju college, about Vishnu LMS on how to create a course in LMS and how to add content, quizzes and assignments on 21 March 2023 in MCA Seminar hall.



QUIZZLET ACTIVITY

Online Quizzlet activity in classroom for I MCA Students on Computer Organization Subject was conducted by V.Bhaskara Murthy on 07-03-2023



You win!



Congratulations
Penguins

M9C - IXJ

/12

T-Rexes

4

Reindeer

1

Hedgehog

1

Chameleo

1

Koalas

1

Alpa

0

Cam

0

The B.V.Raju College National Service Scheme Units I & II in collaboration with the Grievance Cell held an event to honor the female faculty in commemoration of International Women's Day. HODs all the departments, NSS Program Officers, and NSS Volunteers were present at this event, along with College Principal Dr. I. R. Krishna Raju, Vice-Principal Sri. Ch. S. V. Satyanarayana, and other college faculty. Principal delivered, on this occasion, a message about how hard-working and patient women are and how they serve to the society. Additionally, on this

occasion, a number of the female faculty members poured their heart before the faculty sharing their experiences with college, their journey in the college and a few stories of inspirational women in the society.



HONORING WOMEN FACULTY



NEWSLETTER

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