

A Brief Overview of the Student –Centric methods adopted



Internal Quality Assurance Cell (IQAC)

PRR & VS GOVERNMENT COLLEGE, VIDAVALUR

(Accredited by NAAC with 'B' grade)

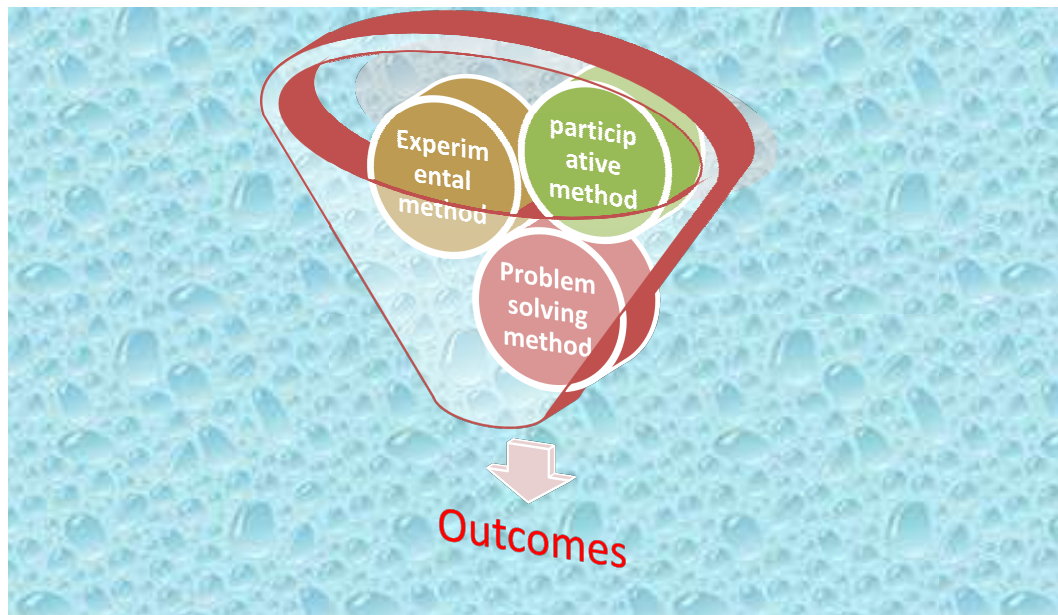


PRR & VS GOVT. COLLEGE VIDAVALURU

SPSR NELLORE DIST., A.P
(Re-accredited with "B" Grade by NAAC)
Student Centric Methods

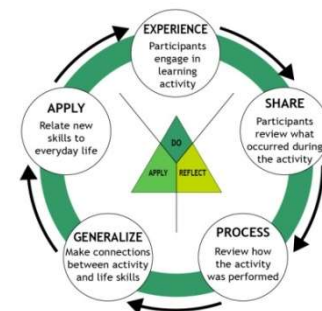


Adoption of student centric methods contribute to the successful transaction of curriculum. At PRR & Vs govt. college, the following student-centric methods are being followed -



1. Experiential Learning:

Experiential learning as a successful method of pedagogy has been implemented. It is learning by doing, learning by participation, learning by experience, learning by discovery and learning by exploration. As educators, our staff try to engage the students in the teaching-learning process. Direct experience and focused learning will enable students develop knowledge, understanding and skill.



Learning Through Practical classes: Practical training programs help students increase their interdisciplinary knowledge. It helps students learn the practical implementation of theoretical knowledge in any discipline, and enables a deeper learning experience. This learning is a fundamental part of education and works incredibly well to improve a student's learning level and understanding.



Field Visits:

Field work is the process of observing and collecting data about people, cultures, and natural environments. Field work is conducted in the wild of our everyday surroundings rather than in the semi-controlled environments of a lab or classroom. Fieldwork education is any practical work, teaching, study or research activity required by post-secondary education providers as an integral part of a course.

Field visit to Aquafarms



Field visit to Aquafarms at Gangapatnam



Students in crop fields



Surveying markets



Studying plants diversity on campus

Exhibitions:

Exhibitions set the expectation that all students, not just a select group, are capable of producing high-quality work and will share that work with people beyond their classroom. They motivate all students to do their best, so they can stand proudly beside their work.



Students at Science exhibition on campus



Students at National level Aqua expo in Hyderabad

Inquiry based Learning:

Project work is important because it includes learning by and doing, and learning by doing is more lasting learning. So it can be known as group project-based learning. Learning by doing emphasizes that reality must be experienced and students must interact with their environment in order to adapt and learn.

Project-based education is a new-age teaching dynamic teaching approach for classrooms which aims to engage students in actively exploring and solving real-world problems and challenges. This gives students an opportunity to get involved in projects that are meaningful to them personally. They get to collaborate with diverse individuals to unleash their creativity to solve complex questions. They get to work in a team for an extended period, which acts as a real-world simulation of their future work environment and improves learning outcomes.



Students at Dairy farm, Vidavalur



Students at Paddy field and rice mill

Community Service Project:

Community service is crucial for people of all ages. Community service activities help children define their values, experience empathy, develop social skills, and learn about their community. Volunteering can also open doors to various career opportunities after completing higher education.

One of the greatest benefits of community service is learning to be more selfless and considerate of others. When we volunteer our time and resources to help others, we put their needs ahead of our own. This helps us develop a sense of empathy and understanding for those who may be less fortunate than us.

Community service helps us understand the value of hard work and dedication. When we volunteer, we commit to a cause bigger than ourselves. It takes discipline and focuses as we work toward a common goal. In doing so, we learn to be more responsible and reliable because we understand our actions' impact on those around us.



Students participating in community service

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II. Participative learning:

Participatory learning is an intentional sequence of activities or learning events that will help the learner achieve the specified objective or desired outcome.

In order to provide the best possible learning experience to the students, the institution tries to design and execute various activities. Students participate in the following -

1. Class room participation
2. Departmental activities
3. Other committees activities

1.Classroom participation:

Students are provided with different participative learning experiences through group discussion, peer-teaching, poster presentations, quiz programs, book reviews, seminars.

Group discussion:

Group Discussion (GD) is a method of learning where students discuss issues and ideas together. In GD, students work in groups to solve problems and learn from each other. It helps students develop their critical thinking skills, problem-solving abilities, and communication skills. Group Discussions are very important in teaching because it empowers teachers to help students in building their confidence.



*Group discussion on
Personality
development*

--Telugu Department

Student Seminars:

Seminars play an imperative role. Ensuring a proper flow of knowledge Seminars assist in passionate interaction and active participation boosting the skills and expertise of students. Seminars for students is often acknowledged as a prime concern. Seminars an innovative and welcomed step towards modern education.

1. Proficiency in Verbal Communication
2. Acquisition of Knowledge in a Particular Field
3. Growth in Networking
4. Encouragement and Motivation
5. A Different Environment than Classroom



Name of the student : K Sangeetha
Group & Class : II BZC
Topic : Co-dominance
Date : 28/01/2021

Quiz:

Quizzes help one gain a broad or specialized understanding of a subject. Quizzes are intended to encourage fun learning methods while also enhancing general knowledge. Students can "think outside the box" or from diverse perspectives by participating in quiz tournaments. Tests and quizzes have always been a motivator to study harder when students know that their progress will be judged upon an exam, a performance review etc.

To reinvent the education system and give students a break from traditional classroom learning, there is a dire need to revive the quiz culture in schools and colleges. And technology can act as a facilitator by bringing innovation to quizzes and ensuring active participation among students.

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క్వీజ్

జూనియర్ ఇంజనీరింగ్ విభాగం సంవత్సరం తెలుగు భాష క్విజ్ పం నమోదు

pppr@prv@gmail.com Switch account

* Required

Email *

Your email

దివ్యార్థి పేరు *

Your answer

తరగతి, లోతు *

Your answer

కొంతం దివ్యార్థి *


Your answer

1. ఈ చిత్రంలోని వ్యక్తి జాతీయ తెలుగు దినోత్సవం నెలపేరు *

5 points

4. ఈ చిత్రంలోని ఆకృతిని గుర్తించి దాని స్థానాన్ని తెలుపుకోవాలి *

5 points



1. గాంధీ ఆకృతి


2. సమర్థ ఆకృతి

3. పద్మావతి ఆకృతి

4. సీతలమ్మ ఆకృతి

5. ఈ చిత్రంలోని నాగార్జున స్తూపం స్థానాన్ని తెలుపుకోవాలి *

5 points

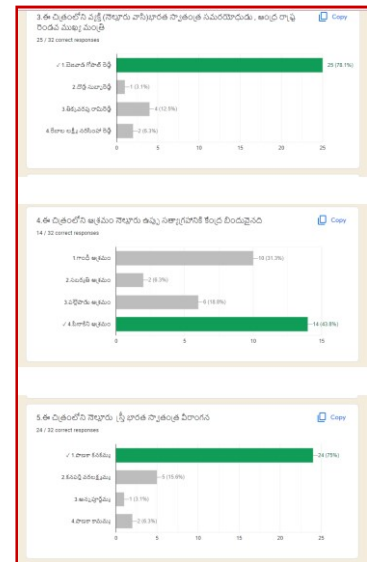


1. బాపట్ల

2. కందుకూరు

3. అమలాపురి

4. బాపట్ల

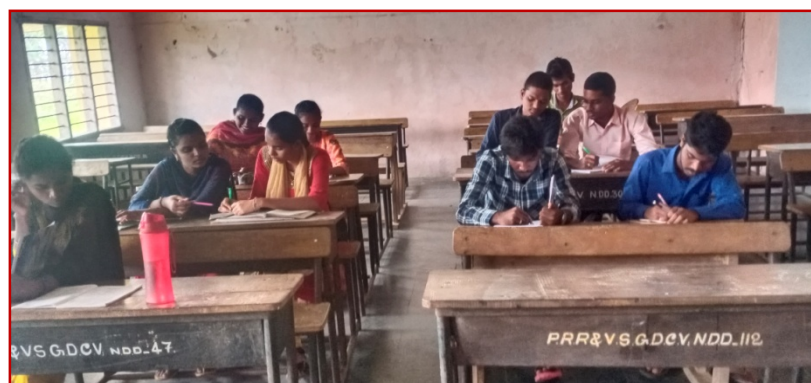


Peer Teaching:

In the last decade, peer teaching has gained momentum in higher education. Socio-psychological, pedagogical, economical and political considerations have all contributed to this recent interest. A number of peer-teaching models including discussion groups led by undergraduate students, proctoring (PSI), student learning groups, the learning cell, and student counseling of students (*parrainage*) have evolved.

Benefits of peer tutoring:

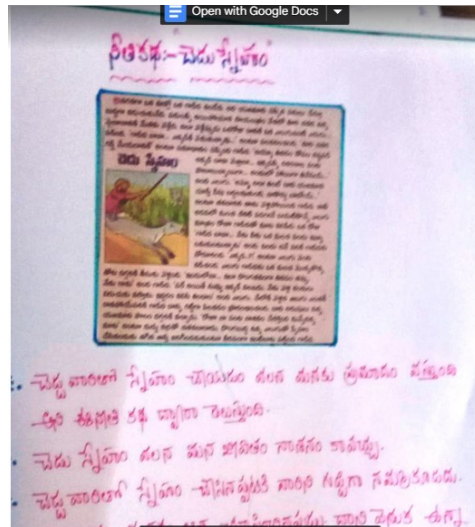
- Establishes an environment where students can learn in small groups and learn how to work as a team.
- Enhances students' engagement, communication, and independence skills.
- Promotes critical thinking and problem-solving based learning.
- Increases the understanding of course content.



Book Reviews:

To improve oral or written communication skills among students, book reviews are encouraged.

Going through the process of writing a thorough review on a book containing general or specialized information, the student develops proficient critical thinking skills, by evaluating, assessing, criticizing, commenting upon, expressing own views and perceptions regarding the read material, in the format of an organized written pattern, recognized as the book review. In addition to being an activity that has proven highly beneficial for the multi-level development of the student, this format is a complex evaluation tool for the teacher as well, since it allows an integrated assessment of the learner's reading comprehension skills and critical writing abilities. This paper aims at proving why such an activity is extremely valuable not only for the process of language learning, but also for the development of the learner himself.



Poster Presentation;

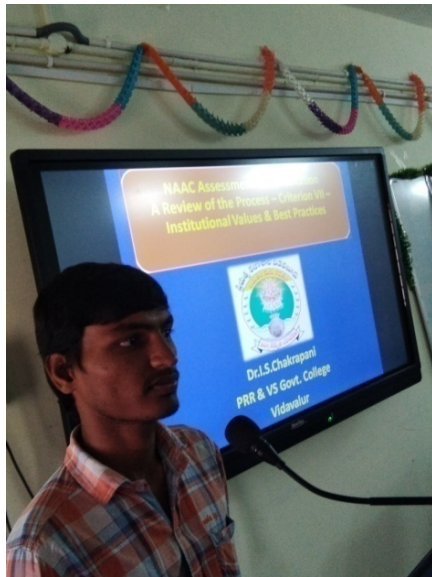
Students are encouraged to present their findings during surveys as Posters. Poster presentation is arranged frequently.



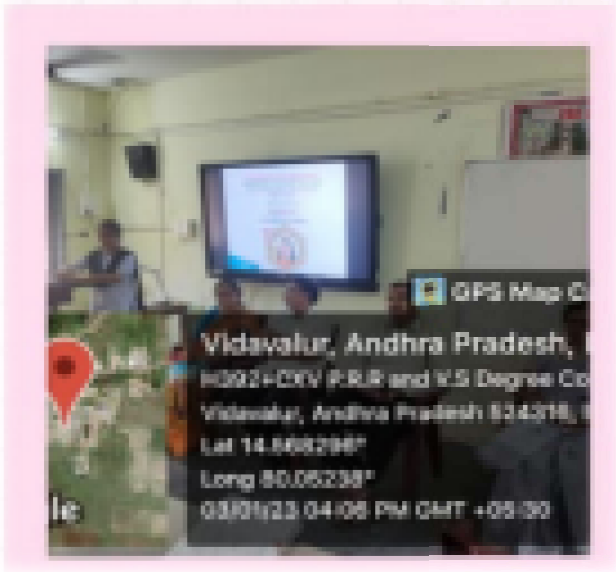
Poster presentations by students

Departmental Activities:

All the departments conduct different activities regularly, suitable to the respective domain subject. Each department showcases their contributions for overall teaching learning process. Students participate and take lead roll in conducting such programs. organizing each and every program.



Students interacting on different occasions



Students speaking to the audience

Rangoli competitions to portray cultural significance

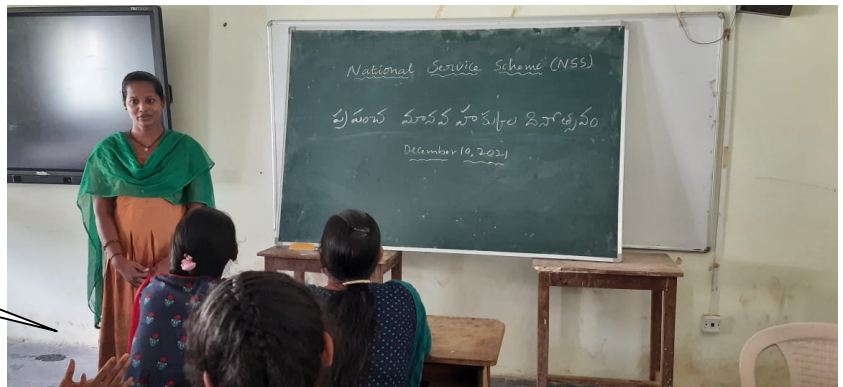


Students speaking in NSS activity



Students are aware of their constitutional responsibilities and rights

Students debating on issues of current importance



A helping hand for students aspiring for competitive exams – Veekshana, best practice of Zoology dept



Other Committee Activities:

Co-curricular activities are carried out outside the normal classrooms, but they supplement the academic curriculum and help in learning by doing. These activities help students to develop problem-solving, reasoning, critical thinking, creative thinking, communication, and collaborative abilities.

This helps students develop leadership skills, team integrity, and coordination skills. Moral Values: The students through co-curricular activities learn essential ethical values about different cultures, religions, and events of national and international importance as well as discipline and school life ethics.

Benefits of Co-Curricular Activities:

- Enhances personality. ...
- Boosts confidence. ...
- Provides exposure to new activities. ...
- Helps develop a sense of responsibility. ...
- Helps develop specific skills. ...
- Improves physical and mental health. ...
- Educational activities. ...
- Social development activities.

Cultural:



Students Showcasing their talents

Women Empowerment Cell:

Women empowerment cell regularly conducts activities on various topics of importance for the girl students.



Making of Clay Idols



Women Empowerment Cell debates

Red Ribbon Club & Youth Red Cross:

RRC & YRC try to instill knowledge of health & a sense of service to humanity. These two take up activities related to blood grouping, blood donation, health awareness programs etc.





National Service Scheme:

NSS unit helps conducting various programs related to environmental awareness, ecological protection, conservation and sustenance.



NCC:

Our NCC unit (Naval) conducts regular activities to build up confidence & personality of the students. Joining NCC helps students to become disciplined and responsible citizens. Some of the activities are -



Games:

Though we do not have a regular Physical director, the faculty encourage students participation in various competitions.



Inaugural of sports meet

Kho-Kho competitions



Musical chairs

III. Problem Solving Methodologies:

The problem-solving method is a highly effective teaching strategy that is designed to help students develop critical thinking skills and problem-solving abilities. It involves providing students with real-world problems and challenges that require them to apply their knowledge, skills, and creativity to find solutions. This method encourages active learning, promotes collaboration, and allows students to take ownership of their learning.

Benefits of Problem solving Methods:

The problem-solving method has several benefits for both students and teachers. These benefits include ---

- **Encourages active learning:** The problem-solving method encourages students to actively participate in their own learning by engaging them in real-world problems that require critical thinking and collaboration
- **Promotes collaboration:** Problem-solving requires students to work together to find solutions. This promotes teamwork, communication, and cooperation.
- **Builds critical thinking skills:** The problem-solving method helps students develop critical thinking skills by providing them with opportunities to analyze and evaluate problems
- **Increases motivation:** When students are engaged in solving real-world problems, they are more motivated to learn and apply their knowledge.
- **Enhances creativity:** The problem-solving method encourages students to be creative in finding solutions to problems



The institution encourages all the students to participate in all these activities.

All comities also are involved in this part.

- o Department of Botany conducted activities like Vertical Drip Irrigation, Wick Bed Technology, Aquaponics, etc., providing opportunities to learn problem solving abilities

Aquaponics:



Studentsstudyproject:Aquaponics



Students working with Aquaponics set up

Wicking bed Technology



Students learning sowing techniques

Pot Making - Training programme



Pot making for plant nursery



Case study

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