



SMT. NPS GOVT DEGREE COLLEGE (W)

CHITTOOR-517002

(NAAC Accredited with 'A' Grade)

(Affiliated to Sri Venkateswara University, Tirupati)



DEPARTMENT OF MATHEMATICS

***One Day Workshop On Project Based
Learning In Mathematics***
DATE: 22.12.2023



Report on One-Day Workshop on Project-Based Learning (PBL) in Mathematics

Introduction

On the Occasion of National Mathematics Day , the One-Day Workshop on Project-Based Learning (PBL) in Mathematics organized by Department of Mathematics on 22nd December 2023 at Smt. NPS Government Degree College for Women, Chittoor. Dr.K.Manohar, Principal acted as a Chief guest to this workshop and Dr.G.Usha Rani, Prof. of Telugu, Dr. Shamsakthar, Prof of Hindi attended as guests of honour. The session was handled by Smt P.Sobha Latha, HOD, Dept of Mathematics. It was organized for B.Sc students who need to take up their projects during their semesters. She has given an in-depth understanding of how a project is taken up, how to gather basic information to start a specific project, identify the objectives, what kind of information is necessary for different types of objectives, how primary and secondary is collected for meeting specified objectives and how data is organized and analyzed to meet the objectives. She also helped the students to understand how important to take up live projects for the purpose of real time experience. She has depicted the importance of taking up projects individually by making students an activity.

The One-Day Workshop on Project-Based Learning (PBL) in Mathematics aimed to equip educators with practical knowledge and strategies for integrating project-based learning into their mathematics teaching practices. The workshop sought to explore the principles of PBL, demonstrate how it enhances student engagement and comprehension in mathematics, and provide actionable resources for creating and managing mathematics-based projects.

Objectives of the Workshop

The main objectives of the workshop were to:

- Introduce the concept and principles of Project-Based Learning (PBL) in the context of mathematics.
- Demonstrate how PBL encourages deeper learning, critical thinking, and problem-solving skills.
- Equip educators with tools, techniques, and strategies to design and implement effective PBL activities in the mathematics classroom.
- Foster collaboration among educators to develop interdisciplinary, real-world projects that connect mathematics to everyday experiences.

Highlights of the Workshop

The workshop began with an overview of Project-Based Learning (PBL), a teaching method where students learn by actively engaging in real-world projects. The facilitator explained that PBL emphasizes inquiry-based learning, where students work on projects that challenge them to solve complex problems, often using interdisciplinary knowledge, including mathematics.

Practical Strategies for Implementing PBL in Mathematics

During the session on strategies for implementing PBL in mathematics, participants learned several best practices to guide their projects. These included:

- **Aligning Projects with Curriculum:** Ensuring that the projects are closely linked to the learning objectives and mathematical content.
- **Encouraging Inquiry-Based Learning:** Promoting questions, curiosity, and exploration rather than simply providing answers.
- **Real-World Applications:** Choosing project topics that connect mathematical concepts to real-world scenarios (e.g., budgeting, architecture, data analysis).
- **Assessment through Reflection:** Assessing both the process and the product of student learning, encouraging students to reflect on their work, the challenges they faced, and how they solved them.

Hands-On Workshop: Designing a PBL Math Project

The hands-on session allowed participants to design their own PBL projects for mathematics classes. Facilitators guided the group through brainstorming ideas, identifying key mathematical concepts, creating project plans, and structuring student tasks. Participants were encouraged to think about:

- The problem or challenge at the heart of the project.
- The mathematical tools and techniques students would need to apply.
- How to structure the project timeline and ensure collaborative learning.

By the end of the session, attendees had a range of project ideas that they could take back to their classrooms, such as designing a mathematical model for a sustainable city, or analyzing real-world data to solve practical problems.

Participant Feedback

The feedback from participants was overwhelmingly positive, with many expressing excitement about implementing PBL in their own classrooms. The hands-on design session was particularly well-received, as

it provided a clear framework for developing PBL projects. Suggestions for future workshops included more in-depth exploration of specific project examples and more time for collaborative work.

Conclusion

The One-Day Workshop on Project-Based Learning in Mathematics successfully introduced educators to innovative teaching strategies that not only enhance mathematical understanding but also foster critical thinking, collaboration, and problem-solving skills. As a result, participants are now better equipped to design and implement PBL activities that engage students in real-world mathematical applications, helping them to develop skills that extend beyond the classroom.

All the students actively interacted and participated throughout the workshop and had great learning experience. Their feedback was also satisfactory and are expecting more and more of such sessions to have more exposure to the practical world. In view of National Mathematics Day, Prizes were given to winners in the competitions of Essay Writing and Just A Minute(JAM).





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Feedback from Students

Attended List of students & Signatures

S.No	Name of the Student	Class	Signature
1	N. poofa	III rd mscs	N. poofa
2	M. Jaswanthi	III rd mscs	M. Jaswanthi
3	G. Poofa	III rd Bsc (Msc)	G. Poofa
4	P. Gantham?	III rd Bsc (Msc)	P. Gantham?
5	N. Sneha	IV th Bsc (Msc)	N. Sneha
6	V. Likhitha	III rd Bsc (Msc)	V. Likhitha. V
7	S. Sandhya	III rd Bsc (Msc)	S. Sandhya.
8	S. Uma Sree	II nd Bsc (Msc)	S. Uma Sree
9	M. Renuka	II nd Bsc (Msc)	M. Renuka
10	A. Muralakshmi	II nd Bsc (Msc)	A. Muralakshmi?
11	K. S. Rakshitha	II nd Bsc (Msc)	K. S. Rakshitha
12	G. S. Bindu	II nd Bsc (Msc)	G. S. Bindu
13	S. S. Ayesha	II nd Bsc (Msc)	S. S. Ayesha
14	N. Soniya	II nd Bsc (Msc)	N. Soniya
15	G. Likhitha	II nd Bsc (Msc)	G. Likhitha
16	A. V. Harshini	II nd Bsc (Msc)	A. V. Harshini
17	A. Adilakshmi	1 st Bsc (Msc)	A. Adilakshmi
18	M. Ramya	1 st Bsc (Msc)	M. Ramya
19	P. Mounisha	1 st Bsc (Msc)	P. Mounisha
20	G. Chandana	1 st Bsc (Msc)	G. Chandana
21	P. Vineetha	1 st Bsc (Msc)	P. Vineetha
22	M. Madhu mathi	1 st Bsc (Msc)	M. Madhu Mathi
23	V. Lahari	1 st Bsc (Msc)	V. Lahari
24	V. Sravandhi	1 st Bsc (Msc)	V. Sravandhi
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Principal

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CHITTOOR-517002, (A.P.).



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DEPARTMENT OF Hindi

One Day Workshop on Hindi- Telugu Translation on 23-03-2024



Report on Hindi - Telugu Translation

Introduction

A workshop has been organized by Department of Hindi on 23rd March 2024 at Smt. NPS Government Degree College for Women, Chittoor. The workshop on **Hindi-Telugu Translation** aimed to enhance the understanding and skills required for translating content between two of India's major languages: Hindi and Telugu. With the growing demand for multilingual communication in media, entertainment, education, and business, the session sought to bridge linguistic gaps and promote cross-cultural exchange.

The session was designed for budding translators, linguists, language enthusiasts, and anyone interested in the art of translation between Hindi and Telugu.

Objectives of the Workshop

The key objectives of the workshop were as follows:

- To introduce participants to the foundational principles of translation.
- To provide practical insights into translating texts from Hindi to Telugu and vice versa.
- To highlight the challenges translators face while working with these two languages.
- To explore linguistic, cultural, and contextual differences in translation.
- To discuss tools, resources, and strategies for improving translation accuracy and quality.

Session Highlights

a. Understanding the Basics of Translation

The workshop began with a brief introduction to the principles of translation, focusing on the necessity of accuracy, clarity, and faithfulness to the original text. Participants were encouraged to focus on not only linguistic equivalence but also cultural and contextual appropriateness.

b. Challenges in Hindi-Telugu Translation

The facilitators highlighted some common challenges in translation between Hindi and Telugu:

- Syntax Differences:** The sentence structures of Hindi and Telugu differ significantly, requiring translators to understand both languages' grammatical rules.
- Lexical Gaps:** Certain words in Hindi may not have direct equivalents in Telugu and vice versa, creating difficulties in translation.

- **Cultural Nuances:** Expressions, idioms, and cultural references vary between the languages, and translators must ensure the context remains intact.

c. Practical Translation Exercises

Participants were given real-world translation exercises that included excerpts from literature, news articles, and dialogues from films. The group was divided into pairs and small teams to work on the translation tasks. This interactive segment encouraged participants to discuss their approaches and resolve common translation issues.

d. Focus on Translating Media Content

Special attention was given to translating dialogues and scripts from films and television shows. The facilitators discussed how to retain the tone, emotions, and colloquialisms of the original language while ensuring the translation resonates with the target audience.

e. Tools and Resources for Translators

The workshop introduced participants to a range of tools available for translation work, including online dictionaries, machine translation tools, and software like SDL Trados, which can be helpful for both novice and professional translators.

Feedback and Evaluation

The participants were asked to fill out a feedback form to evaluate the workshop's content, effectiveness, and presentation. The general response was positive, with participants appreciating the hands-on approach and the insights shared by the facilitators.

Several participants expressed a desire for follow-up sessions that focus on more advanced translation techniques, especially in literary translation and subtitling.

Conclusion

The Hindi-Telugu Translation workshop provided valuable insights into the complex process of translating between two linguistically and culturally distinct languages. By addressing common challenges and offering practical exercises, the session helped participants develop a better understanding of translation principles and techniques. The workshop successfully fostered a deeper appreciation for the nuances of both Hindi and Telugu, emphasizing the importance of accuracy, cultural sensitivity, and continuous learning in translation work.

All the students actively interacted and participated throughout the workshop and had great learning experience. Their feedback was also satisfactory and are expecting more and more of such sessions to have more exposure to the practical world.





DEPARTMENT OF COMMERCE AND MANAGEMENT

ONE DAY WORKSHOP ON “MARKETING”

This workshop helps the students in identify, define and analyse problems and identify or create processes to solve them. Exercise critical judgement in creating new understanding. Critically assess existing understanding and recognise the need to regularly challenge all knowledge. Identify and apply new ideas, methods and ways of thinking. The II & III BBA Students have done this workshop by selling butter milk and water million to all the students and staff in the college by creating marketing environment.

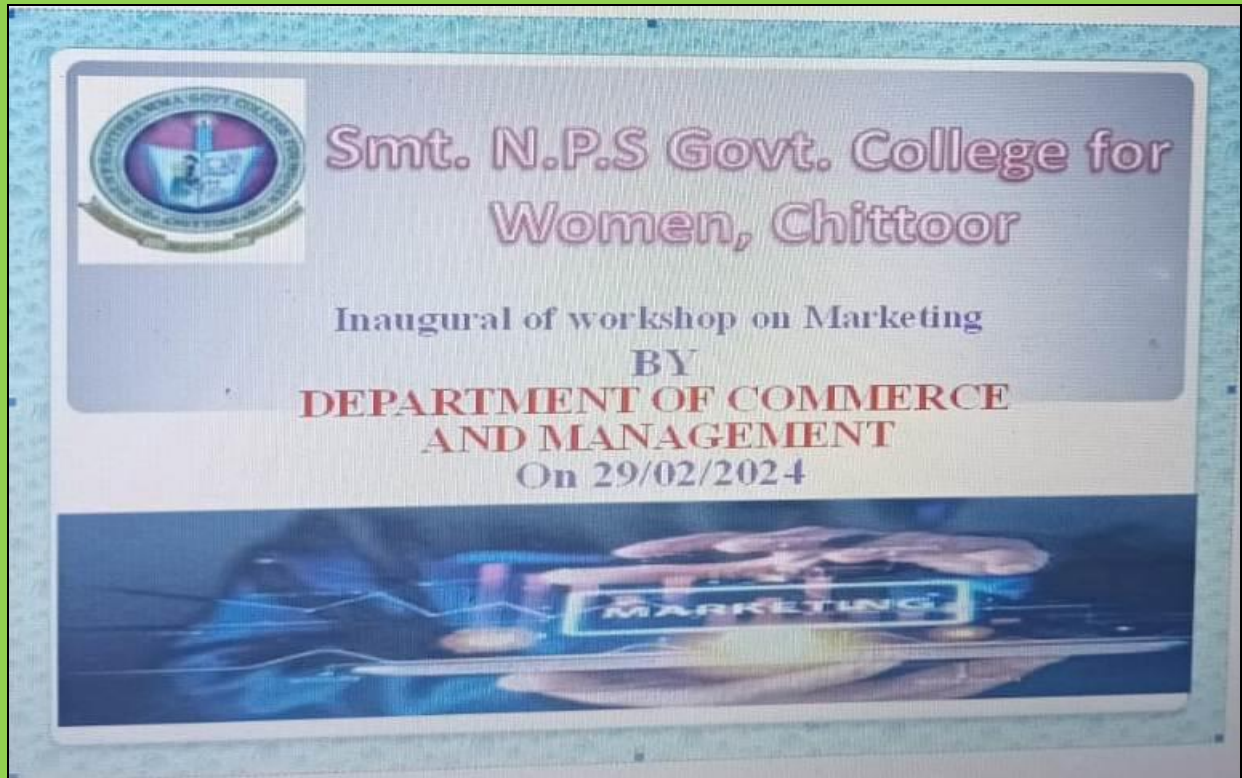
Learning objectives :

- The purpose of marketing is to reach the target audience and communicate the benefits of the product or service.
- Marketing objectives are a set of clearly defined, measurable goals established as part of a marketing plan.
- Introduction of capital to be start the business.
- How to purchase resources in market.
- The four Ps are a “marketing mix” composed of four key elements—product, price, place, and promotion used when marketing a product or service.
- How the goods to be placed in the market.

Objectives of Marketing :

The major objectives of marketing management are as follows:

1. Creation of Demand
2. Customer Satisfaction
3. Market Share
4. Generation of Profits
5. Creation of Goodwill





Outcome of the workshop:

The students learnt how to purchase goods in the market and differentiate the price comparison and explain about their products, uses of the products and how to attract the customers to their products and how to satisfy the customers and taken feedback and suggestions for improvements.

The students have collected money and invested capital of Rs. 2000 and sales per glass of butter is Rs.10 each and water melon Rs.20 per plate.

Capital Invested = Rs.2000

No. of glass of Butter milk sold = $98 \times 10 = 980$

No. of plates of water melon sold = $70 \times 20 = 1400$

Profit gained = Rs.380(Rs.Three Hundred and Eighty Rupees only)

Certificate distribution :





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DEPARTMENT OF COMMERCE
WORKSHOP ON MARKETING

Certificate

This is to certify that Kum. A.Mounika studying II/III BBA has successfully Participated and completed the workshop in Marketing of this College held on 29/02/2024.

Head of the Department

Principal
Smt. N.P.S.Govt. College for Women
CHITTOOR-517002.(A.P.).

Principal