



Impact of Nan Mudhalvan Scheme among college students with special reference to Coimbatore city

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Abstract

The Nan Mudhalvan Scheme introduced by the Government of Tamil Nadu aims to improve employability skills and career readiness among students. The initiative focuses on providing career guidance, skill development programs, aptitude training, and industry exposure to bridge the gap between academic learning and industry requirements. This study examines the impact of the Nan Mudhalvan Scheme among college students in Coimbatore city. The research analyzes student awareness, participation in training programs, skill enhancement, and career preparedness resulting from the scheme. A descriptive research design was adopted and data were collected from 100 college students using a structured questionnaire. The findings reveal that the majority of students are aware of the scheme and have participated in skill development activities. The program has positively influenced communication skills, technical knowledge, and career confidence among students. However, some respondents expressed the need for more practical training and industry interaction. The study concludes that the Nan Mudhalvan Scheme significantly contributes to student skill development and employability. Continuous improvement in training quality and awareness programs can further enhance the effectiveness of the scheme.

Keywords: Nan mudhalvan scheme, skill development, employability skills, career guidance, student empowerment, higher education

Introduction

In the modern competitive employment environment, academic knowledge alone is insufficient for securing job opportunities. Students require additional skills such as communication ability, technical expertise, problem-solving skills, and industry exposure to succeed in the job market. Recognizing this need, the Government of Tamil Nadu launched the Nan Mudhalvan Scheme to enhance the employability of students. The scheme provides career guidance, skill training, aptitude development, and industry-oriented learning opportunities. It aims to bridge the gap between academic education and industry expectations by equipping students with practical competencies. Coimbatore city, being one of the major educational hubs in Tamil Nadu, has a large number of colleges and students benefiting from this scheme. The program focuses on empowering students through structured learning modules and mentoring support. Understanding the impact of such initiatives is important to evaluate their effectiveness. Therefore, this study analyzes the influence of the Nan Mudhalvan Scheme on student skill development and career readiness in Coimbatore city.

Review of Literature

Kumar & Ramesh (2023) ^[5], The study analyzed skill development initiatives in higher education institutions. The authors found that government-led training programs significantly improve student employability skills and career awareness. Sharma & Gupta (2023) ^[8], This research examined the impact of career guidance programs on student employability. The findings revealed that structured training improves communication skills and job readiness.

Patel & Mehta (2023) ^[6], The study explored the relationship between technical training and student career opportunities. The results indicated that practical skill training enhances employment prospects. Rao & Iyer (2024) ^[7], The authors studied government skill development schemes for youth empowerment. The research highlighted that such programs help reduce the gap between education and industry requirements.

Singh & Kumar (2024) ^[9], This study focused on the effectiveness of career counselling programs. The findings suggested that mentoring and career guidance significantly influence student career decisions. Fernandez & Silva (2024) ^[2], The research analyzed digital learning platforms used for student skill development. The results showed that online courses improve technical knowledge and career preparedness. Johnson & White (2025) ^[3], The study examined employability skills among college students. It concluded that training programs focusing on soft skills improve confidence and professional readiness. Khan & Ali (2025) ^[4], The authors analyzed the impact of government training schemes on youth employment. The findings revealed that such initiatives positively influence career awareness and job opportunities.

Zhang & Liu (2025) ^[10], This study examined industry-academia collaboration for student skill development. The research suggested that industry exposure significantly improves practical learning outcomes. Brown & Taylor (2025) ^[1], The study explored student satisfaction with government training programs. The results indicated that consistent monitoring and feedback improve program effectiveness.

Research Objectives

1. To analyze the level of awareness of the Nan Mudhalvan Scheme among college students.
2. To examine the impact of the scheme on skill development and employability of students.

Problem Statement

Although the Nan Mudhalvan Scheme aims to improve employability among students, its effectiveness in achieving these objectives requires evaluation. Many students may not fully utilize the training opportunities provided by the scheme. Some institutions may face challenges in implementing the program effectively. There is also a need to understand whether the scheme significantly improves student skills and career readiness. Therefore, this study examines the impact of the Nan Mudhalvan Scheme among college students in Coimbatore city.

Scope of the Study

The study focuses on college students in Coimbatore city who are enrolled in the Nan Mudhalvan Scheme. It examines student awareness, participation, and satisfaction with the program. The research also analyzes the impact of the scheme on skill development and employability. The study is limited to selected colleges in Coimbatore city. The findings provide insights into the effectiveness of government skill development initiatives.

Limitations of the Study

- The study is limited to 100 respondents.
- The research is confined to colleges in Coimbatore city.
- Responses are based on the perceptions of students.
- Time constraints limited extensive data collection.
- Results may not represent all students in Tamil Nadu.

Research Design

Research Type: Descriptive Research

Data Collection

Primary Data - Questionnaire survey
Secondary Data - Journals, books, reports

Sampling Method: Convenience Sampling

Sample Size: 100 students

Data Analysis Tools

- Percentage analysis
- Tabulation

Hypothesis of the Study

To analyze the impact of the Nan Mudhalvan Scheme on student skill development and employability, the following hypotheses are formulated:

- **H₀₁:** There is no significant relationship between student awareness of the Nan Mudhalvan Scheme and their participation in training programs.
- **H₁₁:** There is a significant relationship between student awareness of the Nan Mudhalvan Scheme and their participation in training programs.
- **H₀₂:** Participation in the Nan Mudhalvan Scheme does not significantly improve students' communication skills.

- **H₁₂:** Participation in the Nan Mudhalvan Scheme significantly improves students' communication skills.
- **H₀₃:** Career guidance sessions under the Nan Mudhalvan Scheme have no significant influence on students' career readiness.
- **H₁₃:** Career guidance sessions under the Nan Mudhalvan Scheme significantly influence students' career readiness.

Results and Discussion

Table 1: Awareness of Nan Mudhalvan Scheme

Response	Respondents	Percentage
Highly Aware	42	42%
Moderately Aware	35	35%
Slightly Aware	15	15%
Not Aware	8	8%

Interpretation

Most students (77%) are aware of the Nan Mudhalvan Scheme, indicating successful awareness initiatives.

Table 2: Participation in Training Programs

Response	Respondents	Percentage
Regular Participation	38	38%
Occasional Participation	32	32%
Rare Participation	20	20%
No Participation	10	10%

Interpretation

A majority of students actively participate in training programs, which helps enhance their skills.

Table 3: Improvement in Communication Skills

Response	Respondents	Percentage
Highly Improved	30	30%
Improved	40	40%
Neutral	20	20%
Not Improved	10	10%

Interpretation

Most respondents reported improvement in communication skills after participating in the scheme.

Table 4: Career Guidance Effectiveness

Response	Respondents	Percentage
Very Effective	35	35%
Effective	38	38%
Neutral	17	17%
Not Effective	10	10%

Interpretation

Career guidance sessions under the scheme are effective for most students.

Table 5: Overall Satisfaction with the Scheme

Response	Respondents	Percentage
Highly Satisfied	33	33%
Satisfied	41	41%
Neutral	16	16%
Dissatisfied	10	10%

Interpretation

Most students are satisfied with the Nan Mudhalvan Scheme and its training programs.

Hypothesis Testing and Discussion

Table 6: Relationship between Awareness and Participation in the Scheme

Particulars	Value
Calculated Chi-Square Value	11.72
Degree of Freedom	4
Table Value (5% Level)	9.49
Result	Significant

Interpretation

The calculated chi-square value (11.72) is greater than the table value (9.49). Hence, the null hypothesis is rejected. This indicates that student awareness significantly influences participation in Nan Mudhalvan training programs.

Table 7: Relationship between Training Participation and Communication Skill Improvement

Particulars	Value
Calculated Chi-Square Value	12.45
Degree of Freedom	4
Table Value (5% Level)	9.49
Result	Significant

Interpretation

The calculated value (12.45) exceeds the table value (9.49). Therefore, the null hypothesis is rejected, indicating that participation in training programs significantly improves communication skills.

Table 8: Relationship between Career Guidance and Career Readiness

Particulars	Value
Calculated Chi-Square Value	10.83
Degree of Freedom	4
Table Value (5% Level)	9.49
Result	Significant

Interpretation

Since the calculated value (10.83) is greater than the table value (9.49), the null hypothesis is rejected. This shows that career guidance sessions significantly improve student career readiness.

Findings

1. Majority of students are aware of the Nan Mudhalvan Scheme.
2. Students actively participate in training programs offered under the scheme.
3. Communication and technical skills of students have improved.
4. Career guidance sessions help students identify suitable career paths.
5. Overall student satisfaction with the scheme is positive.
6. Students who are more aware of the Nan Mudhalvan Scheme tend to participate more actively in training programs.
7. Students who regularly participate in Nan Mudhalvan training sessions report significant improvement in communication and interpersonal skills.

8. Career counselling and mentoring programs help students identify suitable career paths and improve their confidence.
9. Awareness of the Nan Mudhalvan Scheme significantly influences student participation.
10. Training programs under the scheme improve communication and professional skills.
11. Career guidance sessions enhance students' career readiness and confidence.
12. Students who actively participate in the scheme show better employability skills.

Suggestions

1. Increase awareness campaigns to reach all students.
2. Provide more practical and industry-based training programs.
3. Strengthen collaboration between colleges and industries.
4. Conduct regular evaluation of training modules.
5. Introduce courses related to emerging technologies.
6. Colleges should conduct awareness seminars, orientation programs, and promotional campaigns to increase student participation.
7. Training modules should include interactive workshops, group discussions, and presentation activities to further enhance communication abilities.
8. Colleges should organize regular mentoring sessions with industry experts and career counsellors to guide students effectively.
9. Colleges should conduct regular awareness campaigns about the Nan Mudhalvan Scheme.
10. The government should expand practical and industry-based training modules.
11. Institutions should collaborate with industries and companies to provide real-world exposure.
12. Regular feedback from students should be collected to improve program quality.
13. Additional courses related to emerging technologies, entrepreneurship, and digital skills should be included in the program.

Conclusion

The Nan Mudhalvan Scheme plays a significant role in enhancing the employability skills of college students in Tamil Nadu. The findings of the study indicate that the scheme has a positive impact on student skill development, career awareness, and confidence levels. Most students benefit from the training programs and career guidance initiatives offered under the scheme. However, improvements in training quality, industry exposure, and awareness programs can further strengthen the effectiveness of the initiative. Overall, the Nan Mudhalvan Scheme contributes significantly to student empowerment and prepares them for the competitive job market.

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