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A Web Mining Approach with Respect to National Education Policy about the Higher Education of Women

Mrs. Pooja Jain[1] and Prof. Shobha Lal[2]
Jayoti Vidyapeeth Women's University, Jaipur, Rajasthan, India[1,2]
pooja1981jain@yahoo.com and dean.fet@jvwu.ac.in

Abstract: *The National Education Policy (NEP) has emerged as a transformative force, endowing automated vitality to various aspects of life. This paper explores the intersection of NEP and higher education, creating an environment where surroundings interact intelligently and discreetly with women through web mining. Web mining, a global lifeline, encapsulates the process of learning from the vast expanse of the web. Focusing on governmental policies for women in India, this study emphasizes the extraction of pertinent information from the web. ASP.NET applications are employed to swiftly retrieve specific policies from Google servers, effectively navigating the realm of big data. This approach ensures that women gain access to the authentic essence of the information they seek. Ultimately, it advocates for a more empowered and informed life for women through the implementation of text mining. It has been demonstrated that applying ASP.NET to construct an online website, https://drpoojajain.in/Policy_user_subheading.aspx?aa=BAD086F7279E1C3A5ABFB88B201BB46CE509EAC7DEA0320AE2DAFD5C60723E6B5572C3ADE8E498A1387AC760E6EB49B66924A545B9F14F4C64D294139792CDE1450D38A1658F1241094474F69C07E4349BAD3BAB5D33D2DBFF3DD74E1B64AA62F2CEC0C4*
Achieving contentment is simple, based on unstructured interviews and online questionnaire results. The policy aimed at benefiting women is seamlessly integrated into learning and education, further amplifying their impact.

Keywords: Web mining, Women's policy, Text mining, ASP.NET, NEP, Higher education

I. INTRODUCTION

In today's digital age, the World Wide Web has become a vast repository of information, offering a wealth of data that holds great potential for businesses, researchers, and individuals alike. Web mining, a subfield of data mining, focuses on extracting valuable insights, patterns, and knowledge from web data. A Web Mining Approach involves the application of various techniques and algorithms to analyze and uncover hidden patterns within web content, structure, and usage data. Web mining can be categorized into three main types: web content mining, web structure mining, and web usage mining. Web content mining involves extracting useful information from web pages, documents, and multimedia content. Web structure mining looks for connections between online pages by examining the web's link structure. Web usage mining aims to understand user behavior by analyzing web log data, user interactions, and click stream patterns. In this research paper, we will explore the principles, techniques, and applications of a Web mining approach. By the end of this paper, readers will have a deeper understanding of how web mining approaches can unlock the hidden potential of web data and drive innovation in the digital landscape.

The NEP plays a crucial role in shaping the educational landscape of a country, guiding policies, practices, and investments to ensure equitable access to quality education for all. The inclusion of specific provisions and initiatives in the National Education Policy to address the higher education needs of women is essential for promoting gender equality, social justice, and sustainable development. By focusing on enhancing access, equity, and quality in higher education for women, the policy can pave the way for a more inclusive and diverse academic environment. In this context, it is imperative to explore how the NEP addresses the unique challenges and opportunities in the higher

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education sector concerning women. By examining the policy frameworks, strategies, and support mechanisms outlined for women's higher education, we can gain insights into the commitment of the government towards promoting gender-inclusive education and empowering women through knowledge and skills development. This research paper aims to delve into the provisions of the NEP related to the higher education of women, analyzing the impact of these initiatives on women's participation, retention, and success in higher education institutions. By examining the policy landscape and implementation strategies, we seek to understand how the National Education Policy is shaping the future of women's higher education and contributing to the overall advancement of society.

II. OBJECTIVES

The purpose of this document is to list the issues and priorities for NEP 2020. NEP-2020 is a creative and forward-thinking initiative for women's benefits, designed to give women access to high-quality higher education while anticipating comprehensive and research-based advancement. It begins with a summary of NEP-2020, with a focus on raising awareness of the policy in higher education, assessing the implementation recommendations made in the policy, and determining and examining potential general implementation strategies for NEP-2020 in order to achieve its goals based on questionnaire data. Ultimately, a few suggestions are offered for a successful NEP2020 implementation. Here, an idea of web mining for higher education that woman is able to envision, plan, and commit as

- Discover online resources for National Education Policy; most information is found via web mining.
- To increase the involvement of women in web mining.
- To assess the awareness of women for policy.
- To develop website for gaining knowledge.
- To ascertain degree of satisfaction.

III. METHODOLOGY

Methodology is a collection or system of procedures, values, and guidelines that govern a particular field of study. Here, the initialization phase has “Unstructured Interviews, Websites of National Education Policy of Government” as an input. Techniques as Web content mining, Web structure mining and Web usage mining are utilized for processing. After then Generated Website using ASP.NET & SQL SERVER is built to aware women for higher education. It will halt the execution if the policy extraction process utilizing yields a good result. If not, the same method will be used to get a worthy outcome.

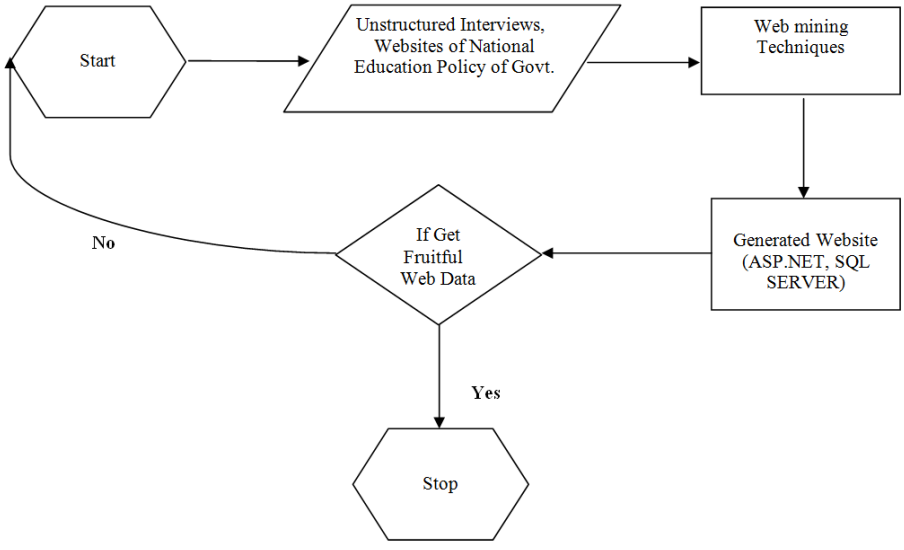

Fig.1.Execution flow

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IV. RESULTS

It is the plan for handling problems that arises from loading, analyzing, and using the data. It is believed that the developed website offers a means of communication with users. In order to NEP, it has been demonstrated through the use of unstructured interviews and online questionnaire responses that it is simple to obtain satisfaction by using produced online website, this shows NEP registration survey,
https://drpoojajain.in/Chartreport.aspx?aa=5C00978E0A7409BD0913A594E4A7C1A07F75F681DC23B559D0F0892ECAEC9CA3E8AF7BDEBBF405F738D5B26D79C19C2F8CF3E7D59A84D34CF365AD1345C14ABE081B947E
And NEP response survey presents,
https://drpoojajain.in/Chartreport.aspx?aa=35AF00511F0D7C6322E826E4E1D47C9DD82FAF877B672EAD44B00B8D961F7B7652347495B725148E91F97E8D284837CAD09A21DA004F4BB7C79F50D2E13D794BC5AC721D

V. DISCUSSION

The application of web mining techniques has revolutionized various systems. By leveraging web mining approaches, organizations can gain valuable insights into decision-making and improved strategies. This approach to getting NEP about the higher education of women has generated a website for accessing appropriate results. First, registration takes place as follows:

5.1 Click on Register for Survey

https://drpoojajain.in/Survey_Registration_Form.aspx

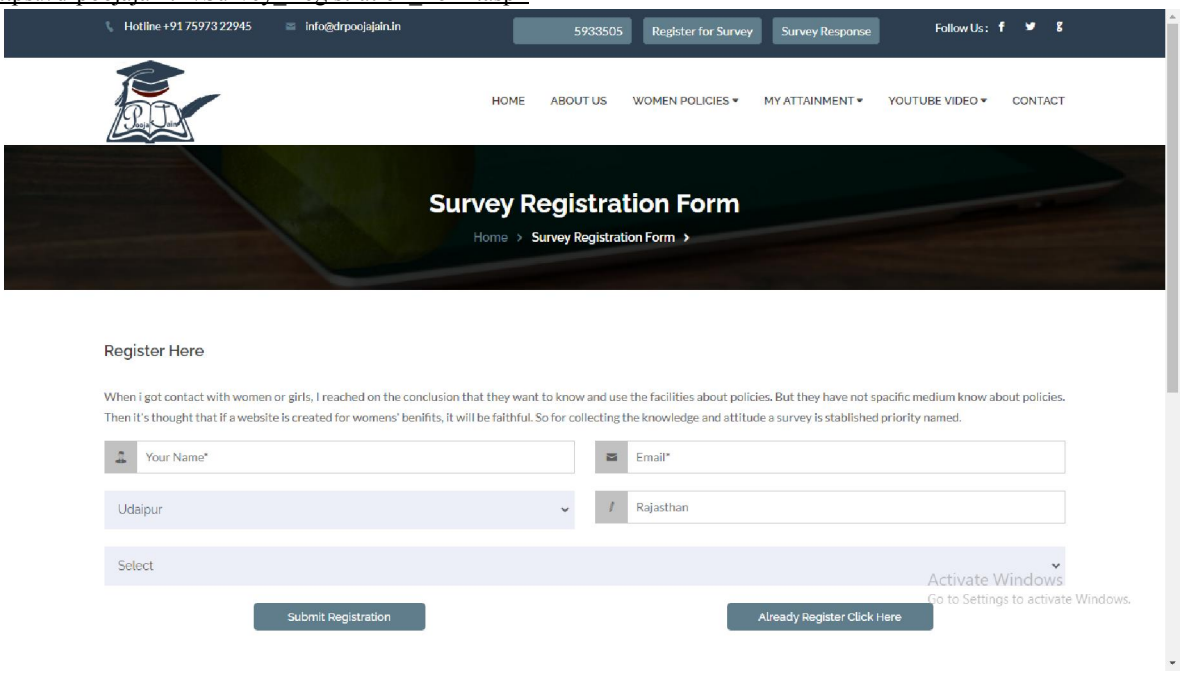

Fig.2.Register for Survey Form

5.2 After filling Registration Form & clicking on Submit Registration

https://drpoojajain.in/Question_Form.aspx?aa=C281E9C7DF03904B51D09596AC3B3FA478C26393BF2E5127A41A30DF924F66630E32A631562A4FDEC6EA835073FA3029162B3EDA667F6BC6299FE45A18C4AF426BCCDF28D9F156B9CF5623AC6B13D64317145D89345C37AAAE9A9F107687AC10C0DF5605

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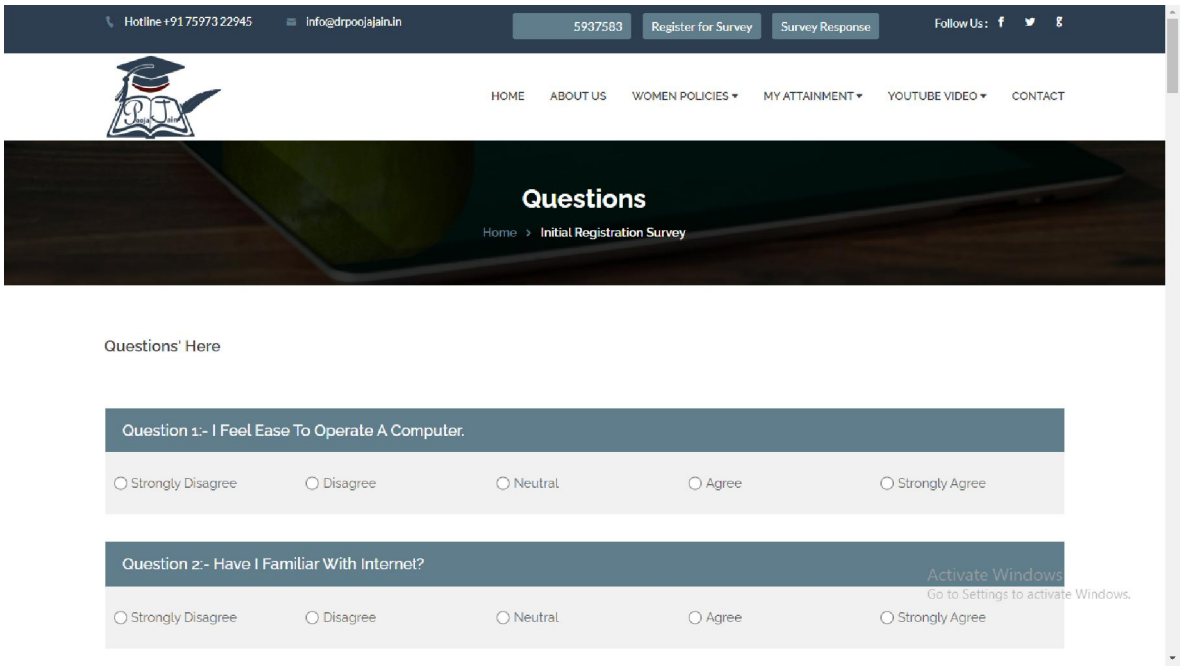

Fig.3.Initial Registration Survey

VI. SCOPE OF FUTURE RESEARCH

There is following points of women policy for the future of web mining:
Development of a web mining tool/Web App using Android Studio & Flutter Framework.
Speech Recognition Technique.
Automated accessibility by Web View.

VII. CONCLUSION

The reader will retain an efficient method to learn about higher education in this research summary. NEP is now considered to be an interdisciplinary field. As a result, a number of ASP.NET site programmes demonstrate how to mine policy web contents and may be used to find relevant data. The user will benefit from having mining and summaries according to specifications. The following chart represents the registration survey.

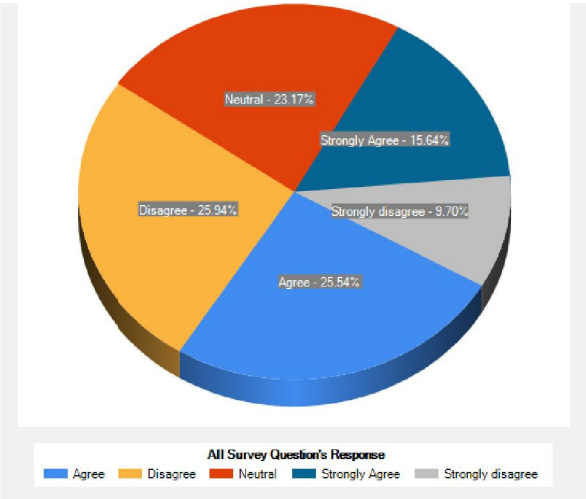

Fig.4 NEP Registration Survey Responses

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The following chart represents the response survey.

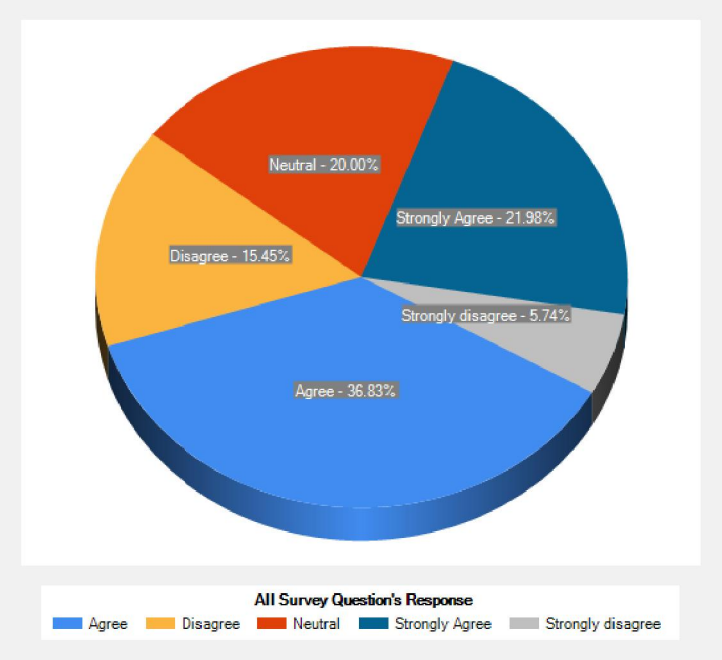

Fig.5. NEP Response Survey Responses

Looking at both the charts it is clear that women awareness has increased after reading the generated website. This paper's main goal is to compile the created descriptions of complex texts and offer a method for producing a useful end product. Additionally, it will improve users' understanding of how to create mining technique tools.

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