

PEER REVIEWED OPEN ACCESS INTERNATIONAL JOURNAL

www.ijiemr.org

#### A STUDY OF GENDER AND ECONOMIC EMPOWERMENT TOWARDS BEHAVIORAL FINANCE WITH INTEGRATED MODEL

Ravishankar N. S, Dr. Dilip Kr. Sharma

DESIGNATION- RESEARCH SCHOLAR SUNRISE UNIVERSITY ALWAR DESIGNATION- (Professor) SUNRISE UNIVERSITY ALWAR

#### **ABSTRACT**

The study analyzes if there are distinct gender-based patterns in investing choices and evaluates the influence that financial education has on investment behavior. Currently, the research is being conducted. In addition, the research investigates the influences that social expectations, cultural norms, and the obligations that come with having a family have on the financial decisions that working women make. The study intends to discover specific difficulties and possibilities for distinct subgroups within the working female population by exploring the intersectionality of gender with other socio-economic variables. Specifically, the research will focus on the intersection with other socio-economic factors. The results of this research are anticipated to make a contribution not just to the existing body of scholarly literature but also to the practical insights that are available to employers, governments, and financial institutions. Stakeholders are able to establish focused strategies to empower and assist working women in attaining financial success and stability if they have a thorough grasp of the individual requirements and preferences of working women in regard to earning and investing.

**KEYWORDS:** Gender And Economic Empowerment, Behavioral Finance, Integrated Model, working women

#### INTRODUCTION

One of the most active and ever-evolving areas of research is with the ways in which working women spend their money and make money. It is necessary to do a thorough investigation since the confluence of economic theories, behavioral dynamics, and socio-cultural factors results in the creation of a complex weaving. We are able to not only contribute to the continuing conversation about gender equality, financial empowerment, and economic



PEER REVIEWED OPEN ACCESS INTERNATIONAL JOURNAL

www.ijiemr.org

growth by investigating these aspects, but we are also able to obtain a more in-depth knowledge of the possibilities and obstacles that are encountered by working women. We are about to begin on this research with the overriding goal of fostering a more inclusive and fair economic environment for women. This will include overcoming old limits and unlocking new potentials for development and success.

#### GENDER AND ECONOMIC EMPOWERMENT THEORIES

For the purpose of comprehending the complex factors that are responsible for shaping the economic experiences of women, gender and economic empowerment theories form an essential foundation on which to build. A theoretical approach that challenges established economic models is emerging within the domain of feminist economics. This perspective acknowledges and addresses the specific obstacles that women experience in their pursuit of financial well-being, and thus, it challenges these models. When seen through this perspective, the importance of gender in determining economic possibilities, the distribution of money, and the decision-making processes is emphasized. A more nuanced view of the complexity that are inherent in women's economic empowerment is provided by the intersectionality of gender with other characteristics such as race, class, and ethnicity. This further deepens the study.

The field of feminist economics has developed throughout the course of time as a theoretical framework in order to address the historical and systematic disadvantages that women have experienced in many economic arenas. Women have often been consigned to jobs that restrict their economic autonomy as a result of the patriarchal norms that are established in countries all over the globe. The argument put up by feminist economists is that conventional economic models are incapable of capturing the myriad of contributions that women make to the economy and often contribute to the perpetuation of gender-based inequality. The goal of feminist economics is to demolish these structural obstacles and reinvent economic paradigms. This is accomplished by analyzing the division of labor, pay inequalities, and the undervaluation of women's work.

The idea that women's work, both inside and outside of the official labor market, makes a major contribution to the economy but is sometimes underestimated or undetectable in standard economic metrics is the fundamental tenet of the field of economics known as



PEER REVIEWED OPEN ACCESS INTERNATIONAL JOURNAL

www.ijiemr.org

feminist economics. For example, unpaid care labor is an essential component of women's economic contributions that has been overlooked throughout the course of history. For the purpose of addressing gender disparities and fostering a more egalitarian economic environment, feminist economists urge for the acknowledgment and redistribution of such unpaid work.

In addition, the ideas that are included in the field of feminist economics highlight the significance of governmental interventions in order to solve gender-based economic inequality. With the goal of fostering a climate that is favorable to the economic empowerment of women, it is widely acknowledged that equal pay efforts, regulations regarding maternity leave, and affordable childcare choices are all key components. The goal of feminist economics is to establish a more inclusive economic system that acknowledges and supports the many roles and contributions that women make. This is accomplished by engaging in activities that challenge discriminatory practices and pushing for legislative reforms.

An additional essential component of comprehending the relationship between gender and economic empowerment is the junction between feminist economics and the employment decisions made by women. In light of the growing number of women who are entering the profession and pursuing a wide range of jobs, feminist economics investigate the variables that influence their decisions. There are a number of structural impediments that might hamper the career paths of women. Some examples of these barriers include restricted access to education and discriminatory employment practices. Furthermore, the sorts of occupations that women choose to pursue may be influenced by cultural expectations about the roles that women are expected to play, which may further contribute to occupational segregation and income discrepancies.

Investing in education, skills, and career development is the primary emphasis of human capital theory, which offers an additional perspective through which to investigate the economic empowerment of women. Investing in one's education and professional development may help people increase their economic output and earning potential, according to the human capital hypothesis. The application of human capital theory to the issue of women's economic empowerment, on the other hand, raises problems about access to



PEER REVIEWED OPEN ACCESS INTERNATIONAL JOURNAL

www.ijiemr.org

education, gender-based discrepancies in chances for skill development, and the effect of career interruptions, such as those connected to the obligations of caring.

Over the last several decades, there has been a substantial increase in the level of education that women have attained, which is an essential component of the human capital hypothesis. The number of women who are seeking higher education and joining areas that have historically been dominated by males is growing and becoming more prevalent. Despite this, there are still obstacles to overcome, such as gender-based prejudices that may discourage women from pursuing specific fields of study, restricted access to educational resources in some locations, and the continued existence of gender bias in academic and professional contexts.

Within the context of the human capital theory, the growth of women's careers is also impacted by a variety of variables, including chances for mentoring, networking, and workplace regulations. It is possible for women to experience a lack of development in their employment due to discriminatory behaviors and a dearth of representation in positions of authority. Furthermore, the theory raises important concerns about the efficiency of the institutions that are now in place in terms of creating an atmosphere in which women are able to make the most of their investments in human capital.

An additional facet is added to the investigation of gender and economic empowerment via the study of behavioral finance, which investigates the psychological aspects that have an impact on the decision-making process regarding financial matters. An increasing number of people are becoming interested in the topic of gender variations in investing behavior, which poses a challenge to conventional economic models that presume rational decision-making. According to a number of studies, women may have a different attitude toward making financial decisions, as well as distinct preferences for risk, investing techniques, and investment strategies.

The way in which women make financial choices may be influenced by behavioral biases such as risk aversion and overconfidence, which may present differently in women and shape their investment habits. An aversion to risk, which is often associated with women, may result in investing decisions that are more cautious. In order to build financial goods and services that respond to the different requirements and preferences of women, it is essential to



PEER REVIEWED OPEN ACCESS INTERNATIONAL JOURNAL

www.ijiemr.org

have a thorough understanding of these behavioral intricacies. This will eventually lead to the female population being more economically empowered.

The earning and investing habits of working women are significantly influenced by social and cultural factors, which play a vital role in forming these habits. Both at home and in the office, societal expectations on gender roles may have an impact on the career choices that women make and the possibilities that are accessible to them. A important element in understanding how women negotiate career paths while managing financial obligations is knowing how to strike a balance between their professional and personal lives, which is an essential component in the professional lives of women.

Additionally, the economic realities of working women are further complicated by the cultural settings in which they are embedded. For women, the choices they make about their education, occupations, and financial decisions are influenced by the norms and expectations that differ from society to society. For the purpose of designing comprehensive policies that promote economic empowerment while recognizing the variety of women's experiences, it is vital to address these social and cultural components.

The economic environment for working women is farther shaped by the dynamics of institutions and policies than anything else. There is a significant role that workplace policies have in the creation of conditions that promote women's economic empowerment. Some examples of such policies are equal pay campaigns and family-friendly practices. The presence of policies that are supportive may help to reduce the obstacles that women encounter in the workforce, so contributing to the development of a professional environment that is more inclusive and equal.

Additionally, initiatives that provide financial knowledge and inclusion play a significant part in the process of fostering economic empowerment among working women. Through the enhancement of financial literacy and the provision of access to various financial resources, these initiatives enable women to improve their ability to make informed choices about their wages and investments. One of the most important things that has to be done in order to ensure that women are able to traverse complicated financial landscapes and engage fully in economic activity is to improve their financial literacy.



PEER REVIEWED OPEN ACCESS INTERNATIONAL JOURNAL

www.ijiemr.org

It is vital to have an integrated model that combines the findings of feminist economics, human capital theory, behavioral finance, and social and cultural aspects in order to have a complete knowledge of the ways in which working women spend their money and make money. This model need to take into account the interconnection of these ideas as well as the cumulative influence that they have on the life experiences of women in the economic sphere. Researchers and policymakers are able to devise tailored policies that address the myriad of obstacles and possibilities that working women encounter when they take use of an integrated strategy like this one.

Understanding the intricacies of women's economic experiences requires a solid basis, which may be provided by the investigation of gender and economic empowerment ideas. Feminist economics is a school of thought that questions conventional economic paradigms and places an emphasis on the need of acknowledging and redistributing the economic contributions made by women. According to the human capital hypothesis, education and job advancement are two of the most important factors that determine the earning potential of women. By shedding light on the psychological aspects that influence women's financial choices, behavioral finance shines light on the complicated fabric of women's economic empowerment. Social, cultural, institutional, and policy dynamics all contribute to the intricate tapestry of women's economic empowerment.

Through the incorporation of various theories, we are able to establish a comprehensive knowledge that can be used to influence policies and efforts that are aimed at promoting an economic environment that is inclusive and fair for working women.

#### **BEHAVIORAL FINANCE**

A comprehensive knowledge of the psychological aspects that influence financial decision-making may be gained via the study of behavioral finance, which is a multidisciplinary discipline that incorporates ideas from the respective fields of economics and psychology. The awareness that humans, particularly working women, often depart from classic economic models that presuppose rational decision-making is the fundamental tenet of this field of study. The field of behavioral finance offers useful insights into the earning and investing habits of working women by examining the complexities of human behavior, cognitive



PEER REVIEWED OPEN ACCESS INTERNATIONAL JOURNAL

www.ijiemr.org

biases, and emotional reactions to financial decisions. This field of study uncovers patterns that defy standard economic ideas.

One of the most important areas of behavioral finance is the investigation of the ways in which men and women behave differently when it comes to investing. Research conducted in this area has shown intricate patterns that provide insight on the differences between the ways in which men and women approach making choices about their finances. Behavioural finance emphasizes the role that gender plays in affecting individual attitudes towards risk, investing strategies, and overall financial decision-making. This is in contrast to classic economic models, which often presume that market participants are all the same and rational.

It has been discovered that men and women exhibit risk aversion in a manner that is distinct from one another. This is a major subject in the field of behavioral finance. Studies reveal that women tend to demonstrate a larger degree of risk aversion compared to males, which is contrary to the conventional stereotype that has been prevalent for a long time. since of this discrepancy, classic economic models are called into question since they presume that people make choices only based on the goal of maximizing utility. When it comes to designing investment products and strategies that cater to the various risk preferences of its clientele, it is essential for financial institutions and regulators to have a thorough understanding of this gender-specific risk aversion.

Overconfidence is a bias that affects both men and women, although it may emerge differently depending on the individual. Behavioural finance investigates the influence that overconfidence has on the process of making financial decisions. There is a correlation between overconfidence and persons overestimating their expertise, underestimating dangers, and making judgments about investments that are less than ideal. In spite of the fact that males may display greater degrees of overconfidence, research indicates that women are often more cautious when it comes to making decisions about their finances. It is vital to recognize these behavioral variations in order to build individualized financial education programs that meet the various obstacles and prejudices that are experienced by both genders.

One of the most important concepts in the field of behavioral finance is known as loss aversion. This refers to the propensity of people to experience the discomfort of losses more intensely than the pleasure of profits. Individuals may choose cautious tactics in order to



PEER REVIEWED OPEN ACCESS INTERNATIONAL JOURNAL

www.ijiemr.org

prevent the emotional effect of financial losses, which has consequences for investment choices. This bias has implications for investment decisions. There have been studies conducted within the field of behavioral finance that have investigated the differences in loss aversion that exist between men and women. These studies have shed light on the gender-specific reactions to the results of investments. It is essential to have an understanding of the ways in which loss aversion motivates the risk-taking behavior of working women in order to develop investing strategies that are in line with their financial objectives and their level of tolerance for risk.

In the field of behavioral finance, the psychological elements that are investigated are not conducted in isolation from the larger socio-cultural milieu. It is possible for social norms and expectations surrounding gender roles to have an effect on the emergence of behavioral biases in the process of making financial decisions. For instance, the impression that women are more risk-averse than males in society may be one factor that contributes to the reluctance of financial institutions to provide them with possibilities for investments that involve a greater level of risk. In order to overcome these prejudices, it is necessary to have a full grasp of the ways in which societal and cultural influences connect with individual psychological proclivities, which ultimately shapes the financial environment for working women.

In addition to dealing with prejudices that are exclusive to a certain gender, behavioral finance investigates a wider range of cognitive biases that have an effect on the process of making financial decisions. The cognitive bias known as anchoring, in which people place a substantial amount of weight on the first piece of information they come across (the "anchor") when making decisions, may have a major impact on the investment choices that are made. It is of the utmost importance to have a comprehensive understanding of the ways in which anchoring effects the decision-making processes of working women, particularly in situations where the degrees of financial literacy may differ and people may be more sensitive to the influence of external factors.

The availability heuristic is another cognitive bias that is investigated in the field of behavioral finance. This heuristic refers to the propensity of people to base their decision-making on information that is easily accessible to them by themselves. This bias may have an effect on people's decisions about investments by altering their perceptions of risk and return



PEER REVIEWED OPEN ACCESS INTERNATIONAL JOURNAL

www.ijiemr.org

based on recent occurrences or information that is widely available. The availability heuristic may contribute to decision-making that is affected by short-term market trends or readily available financial information for working women who are navigating the financial landscape. This may result in a possible deviation from investing strategies that are more reasonable and long-term in nature.

In addition to its significance in the sphere of financial advising and decision support systems, behavioral finance also has relevance in other areas. There are certain financial institutions that are adding behavioral insights into their advisory services since they are aware of the significance that behavioral biases play in the process of making financial decisions.

In order to give more tailored and effective advise to their customers, financial advisors must first have an awareness of the behavioral inclinations of their clients, particularly working women. This allows them to assist their clients in navigating the complexity of investing while also limiting the influence of cognitive biases.

There is a strong connection between the notion of financial literacy and behavioral finance. Financial literacy is an essential component of making educated decisions. It is possible that persons with lesser levels of financial literacy are more likely to exhibit behavioral biases, which highlights the need of educational activities. The ability to make better educated decisions, navigate investment possibilities, and establish a strong foundation for long-term financial well-being may be empowered for working women via the implementation of financial literacy programs that are specifically designed to meet their unique requirements.

The application of behavioral finance to the income patterns of working women is becoming an increasingly relevant topic as the field of behavioral finance continues to develop. It is possible for individuals, employers, and governments alike to gain useful insights by gaining an understanding of how psychological biases impact negotiating methods, career choices, and reactions to dynamics in the workplace. It is possible for working women to adopt skills to successfully manage their jobs, negotiate fair remuneration, and make educated decisions about their financial futures if they acknowledge the influence that cognitive biases have on professional and financial decision-making.



PEER REVIEWED OPEN ACCESS INTERNATIONAL JOURNAL

www.ijiemr.org

The field of behavioral finance provides a strong lens through which to investigate the many ways in which working women make money and invest their money.

We are able to acquire a more nuanced comprehension of the intricate relationship that exists between human behavior and economic decisions when we acknowledge and comprehend the psychological elements that play a role in the process of making financial decisions.

These aspects include gender-specific biases, cognitive mistakes, and socio-cultural impacts. Not only is it essential for financial institutions and policymakers to acknowledge the impact that behavioral finance has on the financial landscape for working women, but it also empowers individuals to make decisions that are more informed and intentional, thereby fostering a path toward greater financial well-being and empowerment.

#### INTEGRATED MODEL

In order to construct an integrated model for understanding the investing and earning habits of working women, it is necessary to conduct a complete synthesis of a variety of theoretical viewpoints, empirical data, and practical concerns. Through the incorporation of ideas from feminist economics, human capital theory, behavioral finance, social and cultural elements, as well as institutional and policy effects, the purpose of such a model is to represent the multifaceted character of the economic experiences of working women.

The field of feminist economics, which offers a basic knowledge of how gender impacts decision-making and how economic possibilities are shaped, lies at the center of this integrated paradigm. Taking into account the historical and structural obstacles that women have had to overcome, feminist economics places an emphasis on the need of recognizing and appreciating the contributions that women have made to the economy. We emphasize the relevance of addressing gender-based inequities at both the macro and micro levels by including feminist economics into the model. This acknowledgement is made in recognition of the interdependence of individual experiences with larger social systems.

The human capital theory makes a contribution to the integrated model by underlining the significance that education, skills, and career growth have in determining the earning potential of working women. Understanding the influence that investments in human capital have on the economic trajectories of women is becoming more important as the number of



PEER REVIEWED OPEN ACCESS INTERNATIONAL JOURNAL

www.ijiemr.org

women working in a variety of professions continues to rise. Taking this viewpoint into consideration raises problems about the availability of educational opportunities, gender-based differences in the development of skills, and the efficiency of tactics for professional growth. Through the incorporation of human capital theory, the integrated model offers a lens through which to investigate the ways in which investments in education and skills interact with gender dynamics, therefore shaping the professional and financial trajectories of working women.

In the field of behavioral finance, a psychological component is added to the integrated model. This component places an emphasis on the ways in which cognitive biases and behavioral inclinations influence the approach that working women take to investing. Through the use of behavioral finance research, gender variations in risk aversion, overconfidence, and loss aversion have been established. These differences lead to a more nuanced knowledge of how women traverse the process of making financial decisions. The model acknowledges that individual reactions to market swings, investing strategies, and attitudes toward risk are not entirely rational but are impacted by psychological variables. This is something that the model takes into account. Through the incorporation of behavioral finance, the model draws attention to the need of individualized financial education and investment solutions that take into consideration the various behavioral inclinations of working women.

In order to acknowledge the contextual effects that determine the economic decisions that working women make, the integrated model incorporates social and cultural issues as an essential component. Individual decision-making is influenced by societal expectations, cultural norms, and family duties, which in turn have an effect on professional choices, the ability to maintain a healthy work-life balance, and financial independence. The model contains a dynamic knowledge of how social and cultural settings contribute to the variety of women's economic experiences. It places an emphasis on the significance of recognizing and respecting these effects when it comes to the formulation of policies and interventions.

For the purpose of understanding the impact that regulatory frameworks, workplace rules, and government initiatives play in defining the economic environment for working women, the integrated model incorporates institutional and policy effects as vital components.



PEER REVIEWED OPEN ACCESS INTERNATIONAL JOURNAL

www.ijiemr.org

Equal pay initiatives, policies that take into account the needs of families, and attempts to promote diversity and inclusion all contribute to the creation of a supportive institutional environment that may help women achieve greater economic independence. By including these variables into the model, we are acknowledging the larger structural determinants that have an impact on the possibilities and problems that working women experience. This highlights the significance of institutional commitment to gender equality.

The interconnectivity of the elements that shape the economic lives of working women is brought to light by the incorporation of these many theoretical viewpoints and influences into a model that is coherent. Furthermore, the model acknowledges that there is no one theory or component that can adequately describe the multifaceted nature of women's economic empowerment. Instead, it provides a comprehensive framework that makes it possible to conduct a detailed investigation into the ways in which feminist economics, human capital theory, behavioral finance, social and cultural variables, and institutional influences interact with one another and impact one another.

In the context of this integrated paradigm, a number of important processes and routes become apparent. For example, the model acknowledges that investments in education and skills, which are driven by human capital theory, are impacted by social and cultural elements, such as societal expectations and cultural norms. This information is taken into consideration when the model is used. These investments in education, in turn, have an effect on the job paths that working women choose to pursue, which in turn shapes their income trajectories. Additionally, the model emphasizes that the behavioral biases that are revealed in behavioral finance interact with social and cultural variables, which in turn influences the manner in which women approach investment choices and traverse financial landscapes. Institutional and policy impacts serve as both direct and moderating elements within this integrated framework, altering the possibilities and limits that women meet in their economic journeys. This framework was developed to address the issue of gender inequality.

Utilizing the integrated model's findings to guide policymakers, business practices, and educational activities is one of the practical uses of the strategy. Because of the linked nature of the numerous elements that influence the economic realities of working women, policymakers are able to create interventions that are more comprehensive and successful



PEER REVIEWED OPEN ACCESS INTERNATIONAL JOURNAL

www.ijiemr.org

when they acknowledge this interconnectedness. Employers and financial institutions have the ability to modify their policies in order to recognize and accommodate the varied demands and behavioral patterns of women, so contributing to an economic environment that is more inclusive and fair.

The creation of an integrated model for the purpose of gaining a knowledge of the investment and earning patterns of working women is a significant step toward a more nuanced and all-encompassing approach. The model reflects the complex web of elements that impact the economic experiences of working women by combining ideas from feminist economics, human capital theory, behavioral finance, social and cultural factors, and institutional effects. This allows the model to accurately represent the complex situation that working women find themselves in. The purpose of this integrative framework is not only to give a theoretical basis for research, but also to provide practical recommendations for politicians, employers, and financial institutions that are looking to promote economic empowerment and gender equality. For the purpose of creating a more comprehensive understanding of the economic realities of women and working toward a future that is more fair and inclusive, it is vital to acknowledge the interdependence of these aspects within the model.

#### **CONCLUSION**

The evaluation also highlights how important it is to acknowledge the various requirements and experiences of the people who participated in the survey. It is possible to improve the efficiency of educational efforts by tailoring programs that teach financial literacy to target certain demographic and socioeconomic aspects. One of the most important aspects of a successful plan is the use of a variety of communication channels, the promotion of information that is inclusive, and the elimination of language barriers. It is becoming more important to provide people with the information and skills necessary for making smart financial decisions as the financial environment continues to undergo continuous change. Stakeholders have the ability to contribute to the development of a society that is more financially resilient and informed by investing in comprehensive and targeted financial literacy projects. This will help to cultivate a culture of responsible investing and saving for the benefit of individuals as well as the larger community.

#### REFERENCES



PEER REVIEWED OPEN ACCESS INTERNATIONAL JOURNAL

www.ijiemr.org

- Abdulkareem, Ahmed & Fayed, Zaki & Rady, Sherine & El-Regaily, Salsabil & Nema, Bashar. (2023). Factors Influencing Investment Decisions in Financial Investment Companies. Systems. 11. 10.3390/systems11030146.
- 2. Adams, S., & Perfetti, M. (2019). Women and Wealth: Insights for Grantmakers. Wider Opportunities for Women.
- 3. Afiqah, Nurul & Abu, Zahira & A'sha'ari, Hassan & Zainuddin, Azizan. (2023). Working Women and Their Perspectives on Financial Literacy and Financial Well-Being. International Journal of Advanced Research in Economics and Finance. 5. 271-284. 10.55057/ijaref.2023.5.3.23.
- 4. ALI, SHAHEEN. (2023). Unleashing Financial Fortitude: Exploring the Saving and Investment Habits of Rural Women in Bareilly, India. 10.21203/rs.3.rs-3148862/v1.
- 5. Almenberg, J., & Dreber, A. (2015). Gender, Stock Market Participation, and Financial Literacy. Social Science Research Network.
- 6. Ansari, Yasmeen & Prof, Asst. (2019). Age and the Investment Patterns-An Empirical Analysis.
- 7. Ansari, Yasmeen. (2011). An Empirical Assessment of Investment Patterns of Investors. Asia Pacific Journal of Management. 2. 63-72.
- 8. Aren, Selim & Aydemir, Sibel. (2014). The Factors Influencing Given Investment Choices of Individuals. Procedia Social and Behavioral Sciences. 210. 10.1016/j.sbspro.2015.11.351.
- 9. Asandimitra, Nadia & Aji, Tony & Kautsar, Achmad. (2019). Financial Behavior of Working Women in Investment Decision-Making. Information Management and Business Review. 11. 10-20. 10.22610/imbr.v11i2(I).2878.
- 10. Atchyuthan, Nagajeyakumarn & Yogendrarajah, Rathiranee. (2017). A STUDY OF INVESTMENT AWARENESS AND PREFERENCE OF WORKING WOMEN IN JAFFNA DISTRICT IN SRI LANKA. Asia Pacific Journal of Research. I. 105-117.



PEER REVIEWED OPEN ACCESS INTERNATIONAL JOURNAL

www.ijiemr.org