Intercorrelation between Digitalization and Women Empowerment

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ABSTRACT: *Empowering women throughout the world, is prime objective for all governing enhanced life standards beneficial for humanity. A woman is abbreviated as "Shakti Swaroopa" in Indian Vedic culture having the power of reproduction and multi-oriented behavior. In current scenario, digitalization has affected every core of human world having especial emphasis on women empowerment. The current article explored about digital transformation in field of education, law enforcement system, banking, finance, health care departments depicting its role to women empowerment in all concerned areas. However, some negative impacts of digitalization are also discussed in order to aware women for its safe and secure utilization. Thus, the role of digitalization especially to women empowerment envisioned positive progressive outcomes at various stages of human life governing modern outlook of society worldwide.*

KEYWORDS*:* digitalization, women empowerment, education, technology

INTRODUCTION

> *"Digitization is the integration of digital technologies into everyday life by the digitization of everything that can be digitized."*

Digitalization has now obtained an important place in almost every aspect of human life in terms of advancements and transformation. Human life is going to be improved day by day through implication of various changes in terms of technology used. Digitalization in human life is simply implication of digital technologies, tools, platforms for faster and easier life according to modern needs. Different circumstances like covid-19 pandemic, time, cost, energy saving etc. have forced to be digitally in human life that has revolutionized various steps like education system, law enforcement system, business, fashion, medical departments and all others affecting life standards for better tomorrow [1-5] Digitalization is also not untouched with half population i.e. women in the world. It has enlightened women empowerment worldwide proving women as a core for remarkable growth in family, society and finally country. In an elaborated form, empowerment is synonyms to idea of power operating in different ways like power over, power to, power with and power within. Power over, is relationship domination based on socially sanction of violence. Power to, is being abbreviated as decision making capacity to solve problems. Power with, represents people organization to achieve collective goals and power within refers to self-confidence, awareness 3and assertiveness [1, 2].

All these power operating areas are highly affected via digitalization. The enhanced women empowerment is outcome of modified modern education system that has expended through implication of digital information and communication systems. Education for all is prime motive especially for girls because family, society and ultimately nation being educated. All other sectors in human life are correlated with education so digitalization in education will reform all digitally [4]. Thus, impact of digitalization in various area related to human for are explored in relation to women empowerment.

Digitalization in Education
The education system is moderating according to need of 21th century for better human life andto face challenges of next generation students via different ways of teaching and learning. Now technology has reached in every corner with smart phones, laptops, tablets etc. The old education system can't be catered for modern students so digitalization is to be compelled in our education systems. In current scenario, the advance technique like online teaching learning process i.e. online course, online exams, quizzes, digital textbooks, e-notes, animations etc. are to be implied for varieties of students at common platform [4, 5]. The online open resources have to be developed to improve quality of education and literacy rate. The use of internet is promising for existence of online educational platforms. Apart from this, administration is also shifting from table and adopting computerized methods for maintaining records. However, digital education is facing multiple challenges like lack of proper study room, slow internet, no standard policy, teacher training and parenting issues. Government is taking seriously attention towards it as in national education policy 2020 [6], fund has increased for e-learning and parents-teachers training open accessibility via free open resources, distribution of laptops and smart phones. A bigger attention is paid towards transformation of classroom to without touch teaching learning strategies.

Open and distance education, e-learning have opened new dimensions for all especially for women who could not join education institute due to economic, geographic, social and physical conditions [7]. Institutes may open blended learning to cover both type of audience. Now a day bigger challenge in education for all is huge population in which distance is rapidly growing and economically suitable for people using sophisticated communication technologies. The women literacy rate is poor so such distance education may impart significant role for women education i.e. women empowerment that may depart poor self-image, lack of knowledge and generate ability to know her right in family and society resulting confident satisfying life [8].Open and distance education in women life may break different barriers like psychological, institutional, situational, employment, unfriendly environment, sexual harassment, fear about technologies and many more governing women empowerment. It provide second chance of learning with greater confidence, improved skills, more carrier opportunities, knowledge, social changes, flexibility for time and space and other effective outcomes. Such empowerment would make them able to solve multiple problems of health care, children education, village's schools, social and domestic violence. Digitalization in open and distance education has revolutionized women participation through long distance. The use of Information and communication technology has made distance education more effective and efficient leading vital role in women empowerment [5-8].

Digitalization in Law Enforcement System
The police department is solely responsible for maintaining public safety, law and orders, preventing,

detecting and investing crimes. Digitalization in police has shown multiple transformations via technological involvement. Now Information and communication technology (ICT) driven e-governance model with IT and digital technologies has increased police effectiveness [9]. Biometric face reorganization, voice technology, thermal imaging, smart sensors, internet etc. digital devices are highly helpful under law enforcement system. Generally checking records, missing peoples etc. consume so much time so a national level FIR and GD entry tracking system has to be designed for speed up investigation. For such actions, crime and criminal tracking network and system (CCTNS) is made under national e-governance plan whichis totally digitally integrated for better efficiency and effectiveness. Digitalization helps creation and maintenance of database for crime and criminal, encourage interstate police communication, help in data recording and analysis for crime control [10]. Keeping people in view, online complain from anywhere i.e. contactless has been working. Police helpline 112, women helpline 1090, ambulance 102 etc. all work on digital platform and result effectively for all kind of support. This way digitalization reflects excellent outcomes for women empowerment. In society, there are many crimes and unwanted situations for women like eve teasing, home violence, working place matters, forcefully abortion and many more for which women were not move to police station due to fear, illiteracy, male officers, economical and social issues but in current time they can just complain through mobile on digital platform without moving to police station. Government has provided fully separate description especially to women like 1090 where all calls are recorded and operated by lady officers and continues monitored till problem is solved [11]. In some critical case identity of women is kept confidential and determined in barcodes. It is only digitalization which empowered women by offering its suitable platforms. Thus digital transformation results in women empowerment via faster and effective response, reduced threats, risk or harms, increased community engagement and satisfaction, improved collaboration between multiple authorities, reduction in cost per citizen and enhanced victim satisfaction [9-11].

Digitalization in Banking and Finance

At current modern phase, banking sector and financial institutions are to be digitalized to stay in proper competition. Financial institutes should first take digitalization as a culture revolution for progress of their companies so that they could capture tomorrow market. A report on middle market digital transformation showed that more than 68% of financial services are digitalized. In banking sector, transformation into digitalization results better satisfaction of customer, simple transactional activities and financial advice. Customers now prefer digital channels due to efficient, secure and time saving working [12]. Covid-19 pandemic has boost digital banking across the globe [4]. Irrespective of banking channels people are using bank phone i.e. customer care, mobile apps, internet banking that make customer to check account status, pay bill, money transfer, cashless transaction demand draft and other services so easy and fast. The women empowerment is also not untouched with banking digitalization. For every woman, financial security and handling of all banking facilities is important. In urban area women are aware ofand doing well with digital banking, online shopping, cashless transactions, insurance claims and other utilization so being empowered. In present time women in rural areas are using mobiles, smart phones in which they are engaged in banking, online business depicting their financial power. Women can operate all financial work from home using digital banking so definitely women empowerment has significantly improved via digital banking. The current modern scenario of digitalization has offered online platforms for online business and e-marketing. Such platforms may provide an opportunity to express women talent in terms of their art culture handicrafts, fashion designing and other regional things at

worldwide platform. Such use of google, whatsapp, facebook, instagram, twitter etc. online platforms for e-marketing would be highly beneficial for women empowerment in economical, social, physical, knowledgeable and communication prospects [1- 4, 8, 12]

Digitalization in Health Care
For better evolution of humanity, health care system should be transformed digitally so as to provide faster diagnosis and superior treatment. Digitalization assures great promise for health care education as well as patient management i.e. surgery, pathology and several multidisciplinary managements. Improvement in diagnosis, convenient delivery of data, advanced personalized cure, better healthcare services, improved drug discovery and clinical development, improved financial outcomes, effectiveness in medicine are key features of digitalization [13, 14]. Many women are working in health care department at different stages and women at their home, are empowered via various medical chips or instruments like digital thermometer, pulse oxy-meter, digital blood pressure machine, diabetic measuring kit, pregnancytest, ovulation kit and many more. All these are used for women better health care and awarenesswhich is important because a healthy woman is base for healthy society. This way digital health card for every woman may also lead to women empowerment by maintaining her proper health data. Except all these, women have proved to be suitable for nanometric to bigger spacious system like tourism[15] corporate world, scientific research, defense system [16], transport world[17], judicial, administration, politics[18] and almost all other fields and definitely digitalization is offering more power and progress for women breaking different obstacles.

Negative Impact of Digitalization
Digitalization has transformed every aspects related to human life and positively favors women empowerment however, it's safe and secure utilization and awareness is deeply required especially to women. Some drawbacks of digitalization are observed among society like addiction to social media, cyber crime, data stolen, loss of job, information overload and lack of person to person social interactions. In rural areas, women are in initial stage of digitalization and facing problems about their identity i.e. photo, address and contact when her mobile phone or computer is stolen. Big data loss is found in security agencies, government departments, institutions etc. Privacy for women is another issue of digitalization however security is tight but not full proof. Different types of cyber crimes like plagiarism, fee fraud, identity theft, fake documents and ids are being in actions as a result of digitalization. Cyber warfare is another product of digitalization which stole files and confidential data, attacks on software that is dangerous for nation security as well as women i.e. half world power. Women are now busy in their mobile, smart phone using different platforms like youtube, facebook, twitter etc. so they are being isolated from society. Such isolation governs depression and suicidal thoughts due to unhealthy competition. Any wrong information is spread more quickly on digital platform which is bigger problem of national security, unity, political stability and women. Apart from these, digitalization governs anti social behavior, economical instability, addictive nature, departure from traditional social life and intergeneration conflicts. It also results health problems like bed posture, eye and sleep disorders, muscle pain, social anxiety and mental disorders. Digitalization is essentials for women empowerment but special care should be taken for all these negative outcomes in order to avoid any shame for women making them fearless using such digital technologies [19-21].

CONCLUSION

Women empowerment is an ignited issue worldwide because as a half component of population, it offered huge possibilities towards emergence of human life. Digitalization in current time has transformed different aspects of life especially to women in terms of education, business, law, crime controlling, marketing, health system and all others. Such digitalization offered increases emphasis on women empowerment. Now women literacy rate is increasing using digital educational platform in terms of e-learning and open education breaking different barriers of gender inequality, physical and social issues. At economically strengthening level, digitalization has offered e-marketing and online business platforms to directly join remote areas women for representing their arts, culture and talent in market worldwide governing women empowerment. At a level of different health issues among women, digitalization has made it easier to women like online appointment, consultancy and implication of different devices like pregnancy kit, ovulation kit etc and many online apps for medicines. As violence is major issue to women, digitalization has highly revolutionized law enforcement system where women can complain without being in touch on some specific numbers like 112, 1090 etc. to stop home, public place and gender related violence however safe and secure utilization of digital platforms is important for avoiding fake ids, virus and hackers. Thus, impact of digitalization has transformed different systems affecting women life and has opened multiple directions to women empowerment resulting glorious outcomes in family, society, nation and universe.

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REFERENCES

1. M. Dhanamalar, S. Preethi and S. Yuvashree, Impact of digitalization on women empowerment: A study of rural and urban region in India, Journal of International Women's study, 21, 107-112 (2020).
2. K. Rajput, Women empowerment through digital technology, International journal of Scientific and Research publications, 11, 447-448 (2021).
3. H. Hassani, X. Huang and E. Silva, The human digitalization Journey: Technology first atthe expense of Human? Information, 12, 267-279 (2021).
4. A. Ramsetty, C. Adams, Impact of the digital divide in the age of COVID-19, Journal of the American Medical Informatics Association 27, 1147–1148. (2020).
5. C. E. Tomte, T. Fossland, P.O. Aamodt and L. Degn, Digitalization in Higher Education: Mapping Institutional Approaches for Teaching and Learning. Quality in Higher Education, 25, 98–114 (2019).

6.   P. Yadav, Revolutionary phase in higher education via national education policy 2020,International Journal of Innovative Research in Technology, 8, 934-937 (2021).

7.   T. Njaya, Women empowerment through open and distance learning in Zimbabwe, IOSRJournal of Humanities and Social Science, 20, 83-90 (2015).

8.   P. Pachaiyappan, Education: A tool for Empowerment of women, Journal of Educationand Practice, 30, 187-190 (2014).

9.   S. Dutta and A. Beg, Indian police & ICT: An Exploratory insight, International Journalof Creative Research Thoughts, 9, a163-a170 (2021).

10.   https://social-innovation.hitachi/en-in/knowledge-hub/collaborate/transformation-of-police/

11.   https://uppolice.gov.in/article/en/women-power-line

12.   H. Hassani, X. Huang and E. Silva, Digitalization and big data mining in banking. Big Data and Cognitive Computing 2, 18 (2018)

13.   R. Agarwal, G. Gao, C. DesRoches and A. K. Jha, Research commentary—The digital transformation of healthcare: Current status and the road ahead. Information Systems Research, 21, 796–809. (2010).

14.   E. Haggerty, Healthcare and digital transformation. Network Security, 2017, 7–11. (2017).

15.   U. Gretzel, M. Sigala, Z. Xiang, and C. Koo, Smart tourism: Foundations and developments. Electronic Markets, 25, 179–188. (2015).

16.   https://www.ibm.com/blogs/think/uk-en/digital-transformation-in-defence-balancing-the-strategic-and-the-tactical/

17.   E. V. Borisova and O. A. Ptataeva, Digitalization in transport industry: Development Perspectives, IOP Conf. Series: Material Science and Engineering, 918, 012184-012188 (2020).

18.   G. C. Hanschitz, Digitalization of Politics and Elections, Handbook of Cyber development, Cyber Democracy and Cyber Defense, 1-15 (2017).

19.   https://theenterpriseworld.com/negative-effects-of-digitalization/

20.   https://www.incrementors.com/blog/impact-of-digital-media/

21.   M. Davidekova, Digitalization of society, 8th International Research Conference Management Challenges in the 21th century, 314-320 (2016).