Drug Addiction Among Juveniles in the Digital Era of UAE

Khaled Mohammed Abdulrahman Mohammed Alblooshi, Norida Abdullah, Ahmad Rozelan Yunus

Abstract: The main purpose of this research was to discuss drug addiction among juveniles in the digital era of United Arab Emirates (UAE). The major research question was whether the technology revolution has assisted in preventing drug addiction among juveniles in the UAE. The intention of this research endures via yield a broad perceptive about the factors that influence drug addiction among juveniles. Present methodologies were qualitative research that utilizes an interview perspective. The present research persists execute within Juvenile Care Unit Abu Dhabi, UAE. A female and male interviewee aged 13 between 18 years old, specifically juveniles within the Juvenile Care Unit Abu Dhabi, UAE. The research main outcome focus on developing the conceptual framework of factors that influence drug addiction among juveniles.

Keywords: Drug Addiction, Digital Era, Juvenile, Technology Revolution

I. INTRODUCTION

Technology Revolution (TR) is the periodic waves of technology change that have marked the progress of industrial society [1], [2]. Furthermore, a shift is occurring within the sociocological paradigm that underlines our current sophisticated social structure [3], [4]. The period of transition between two eras within United Arab Emirates (UAE) shows a time comparable toward the social revolution when the technology steam was introduced, and the digital era was emerging within UAE [5]–[13]. A glance back toward the TR for clues of how UAE societies transform with the advancement of technology [14]–[16]. During the TR, social context replaced many cultural within UAE in a new wave of social revolution, where some culture disappear completely, as new ones will be created through TR [17]–[20]. The revolution about social utility and availability intention endure via completely influence the UAE within entire this capacity [21]–[23]. The definite recognition about these capabilities inclination surmises several aspects, plus society recognition about technological diversity, a volume about social revolution and digital era and technology breakthroughs [24]–[27]. The rapid stride about technological breakthroughs and development forge social context crucial, yet the TR imply fundamentally symbolic for UAE environment [20], [28]–[31].

Today the digital era is all the rage because after decades of development it has become incredibly useful [32], [33]. Yet, if we look closely, we can view the contours of its inevitable descent into the juveniles. We need to start preparing for a new era of social revolution in which different culture and technologies. However, creating a true transformation takes more than a single socio technology [34], [35]. First, society needs to change their habits and then habits need to come into play [36], [37].

UAE has been thoroughly transformed by the digital era [38]. Despite all the revolution about the future paradigm, we need to view, what that really happening to the society, where we are the inability to view through our present reality and how this digital era has fundamentally transformed the society and social revolution. The aim of the UAE government is to be a successful smart city by harnessing digital technology [2], [9], [38], [39]. The UAE government have been quick to embrace the potential of technology to improve the lives of society and to improve efficiency and reduce costs [5], [40]–[43].

Yet, the social revolution within the UAE is a massive cultural shift, which can be justified as a fundamental change within society [32], [44]–[47]. The basic characteristics of the social revolution seek to change small parts of an existing social system, but ultimately keep it in place [48]–[52]. Besides, it creates conflict between different social classes with different access to resources within UAE [53]–[55]. At the base of these great social revolutions are to be found technology in the system of societal technology [41].

Societal technology is the convergence of technological and social insights in the creation, construction and utilizes of artifacts [56]–[58]. It covers an empathetic about the social complex, performance, and immunity via educating the architecture about structure that entails faction about technology and people [56], [59]–[61]. Consequently, the upcoming inception about societal technology desire endures deriving by the ultimate potentially and advanced smart technology yet the socio factor that comprises human nature, culture, morality, ethics, and values are essentially changed [62]–[65]. Then as now, there was widespread fear of the future, a fear derived from the technology revolution that brings behavior change towards the availability of drugs within the neighborhood, community and juveniles utilize them.

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UAE is an Islamic-administered society has consistently sustained severe regulation ended outfit related public decency, drug, alcohol consumption and dress code [53], [66]. UAE implements Sharia law and the discipline considering drug practice is especially strict [44], [67]. Moreover, drug retention or usage is banned within the UAE and the illicit discipline for actuality arrested either along with drugs or pinned the control about drugs is a dominant hindrance for UAE [40], [68]. Ultimate drug crime can continent a suspect within a jail for at minimum four (4) years, with extra severe drug-pertinent indictment prompt 10 years or further jailed [69], [70].

Apparently, there is a dilemma as UAE is a dominant global travel and business focus, there is an evident space for drug crime via yield approach toward illegal drugs [71]. According to [72], seventy (70) percentage of addicts are the juveniles aged between 11 to 18 years old. Furthermore, drug addiction among juveniles increased higher because of the cracks within the UAE health responsibility structure or worker had fizzle toward treat or diagnose their dilemma [73], [74].

The factors affecting society, individual and family, are given as reasons for the phenomena of drug addiction among juveniles [75]. Thus, there are two (2) major challenges in implementing TR have assisted in preventing drug addiction among juveniles in UAE, firstly, how to develop a conceptual framework indicating the factors towards drug addiction among juveniles and secondly, what factors indicate drug addiction among juveniles in UAE.

Therefore, the intention of this research is to discuss drug addiction among juveniles within the digital era of UAE and conceptualized a model for the factors that influence drug addiction among juveniles within the UAE.

**II. LITERATURE REVIEW**

Drug obsession is a complicated issue and has been a serious public health dilemma within UAE [71]. Jailing percentage for drug pertinent case still persist huge with juveniles [69]. According to [75], 60% juveniles’ arrests in 2018, approximately 30% were for drug misuse. Furthermore, drug addiction among juveniles was caused by serious dilemmas such as (1) Individual that focus on peer influence that the process influences juveniles to do things that may be resistant to by peers [70] and poor commitment to education and attachment to school leads to poor behavior, attitudes and values among juveniles [72], (2) Society that focus on delinquency by advanced modernized societies by TR [79] and (3) Family focus on the parental drug use that influence juveniles by habits, behavior, communication and values [70] and poor and inconsistent family management that influence juveniles because of the family structure that lacks on communication and relationship among them [61].

Moreover, there is an intimate relationship between behavior and drugs [52]. Understanding this relationship is important for researchers by exploring the theoretical framework for behavior [73]. We have explored and adapted the Learning Theory and Problem Behavior Theory for this research. The Learning Theory is a physiological development that emerged to explain how and why juveniles behave the way they do [54]. Furthermore, it is centered on the environmental influence on the learning process of juveniles [55]. We can justify Learning Theory as a mediating process for juveniles that stimuli and behavior and the responses are studied from the situation over the practice about factual research as shown in Table 1.

**Table 1: The Learning Theory Indicators for the Digital Era.**

<table>
<thead>
<tr>
<th>Elements</th>
<th>Classification</th>
<th>Indicators</th>
<th>References</th>
</tr>
</thead>
<tbody>
<tr>
<td>Behaviorism</td>
<td>Behavior can be explained by external factors and behavioral conditioning.</td>
<td>Individual: Juveniles passively receive information and adopt behaviors through positive or negative.</td>
<td>[66]-[69]</td>
</tr>
<tr>
<td>Cognitivism</td>
<td>Understanding and physical response to experiences.</td>
<td>Family: Juveniles mental processes include remembering, observing and adopting it.</td>
<td>[69]-[71]</td>
</tr>
<tr>
<td>Constructivism</td>
<td>The idea that the community is responsible for creating their own understanding of the world and using previous experiences.</td>
<td>Society: Juveniles create their own interpretation of reality through the process of contextualization.</td>
<td>[71], [72], [73]</td>
</tr>
</tbody>
</table>

Based on Table 1, the Learning Theory indicators explain how juveniles learn and understand the complex processes of drug addiction in the digital era. Juveniles scrutinize the society encompassing them react within diverse approach [74]. Therefore, the Problem Behavior Theory provides an understanding of risk behaviors among juveniles drug addiction [94]. Juveniles who are poor may use drugs as a way of achieving social status [71].

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Moreover, Problem Behavior Theory is considered to be purposeful, goal oriented and functional by the juveniles and important enough to counter the like hood of the social digital era [67].

We can justify Problem Behavior Theory as the social psychological relationships within and between each of the three (3) systems of psychosocial influence as shown in Table 2.

<table>
<thead>
<tr>
<th>Table 2: The Problem Behavior Theory Indicators for the Digital Era.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Elements</strong></td>
</tr>
<tr>
<td>Personality System</td>
</tr>
<tr>
<td>Perceived Environment System</td>
</tr>
<tr>
<td>Behavior System</td>
</tr>
</tbody>
</table>

Based on Table 2, the Problem Behavior Theory indicators explain effective behavioral intervention of juveniles functional behavioral in the digital era. Problem Behavior Theory is a problem occurs from social concern [16]. Yet, juveniles behavior is from the environmental structure [17]. We can conclude that the balance of controls that determines from theoretical framework towards drug addiction among juveniles range from the absence of emotions to aggressive emotions that breach from the digital era.

**III. METHODOLOGY**

This research utilizes the qualitative study approach that mainly exploratory study. The qualitative study utilizes via yield an empathetic about opinions and reasons [18]. Therefore, we have adopted this method for our research on drug addiction among juveniles in the digital era of UAE that furnish intuition within the dilemma toward expanding prevention opinion. The qualitative data collection method used for this research will be an interview approach. This research employs the semi-structured interview that contains the factors about both, unstructured and structured interviews. Furthermore, we formulate an intent about similar questions elects to respond by entire juveniles within Juvenile Care Unit Abu Dhabi, UAE. Concurrent, further questions we inquire amid interviews toward expanding and clarify convinced argument between the male and female interviewee aged 13 to 18 years old.

We had a contingent via formulate positive argument over the action of the interview and develop the conceptual framework of factors that influence drug addiction among juveniles based on the outcomes of the interview session.

**IV. FRAMEWORK DEVELOPMENT**

Drug addiction among juveniles has become a public health concern within the UAE [38]. Juveniles in UAE are most likely wanted to explore and try something new to satisfy their curiosity [11]. Drug addiction among juveniles is surely a scenario that needs to prevent and critically lead toward loss of values in the future and suffers from seriously dangerous consequences [44], [46].

Drug addiction among juveniles is increasing day by day and not showing any sign of slowing down [53]. These dilemmas occur due to juveniles often resort to different types of drugs [23]. The rise of technology speedy transformation by the ultimate certain decennary has completely stirred the juvenile’s lifestyle [20]. Juveniles are practicing drugs as initial as junior high and technology is shaping this simple than consistently [30]. Lately research within UAE shows that 75% about juveniles influenced by technology by seeing their friends consuming drugs that embolden them via celebration within a similar approach [44].

This digital pressure amplifies the juveniles to misuse drugs by actuality trade over their acquaintances and friends and technology aid them to obtain drugs [53]. Today, advanced drugs affect aspects of juveniles life as varied as work and study, moral decision making and juveniles social gathering [20]. While drug addiction among juveniles is a serious problem, only some drug use represents serious addiction [66]. For this reason, we have scrutinized the aspects that leverage drug addiction among juveniles, as shown in Table 3.
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Table 3: The Factors that influence Drug Addiction Among Juveniles in the Digital Era.

<table>
<thead>
<tr>
<th>No.</th>
<th>Parameter</th>
<th>Factors Affecting</th>
<th>Type of Drugs</th>
<th>References</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Family</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Family environments can also foster destructive emotions and behaviors that encourage drug addiction among juveniles.</td>
<td>Parental Drug use.</td>
<td>Opium. A depressant drug that slows down the signal travelling towards the brain and body.</td>
<td>[11], [13], [20], [23], [64], [69]–[71]</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Poor &amp; inconsistent family management.</td>
<td>Morphine. The classic opiate painkiller drug that slows down the ability of the body and tends to be sleepy and dope off.</td>
<td>[44], [51], [62], [73]</td>
</tr>
<tr>
<td>2</td>
<td>Society</td>
<td>Delinquency.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Social and economic implications also encourage drug addiction among juveniles.</td>
<td>Peer influence.</td>
<td>Heroin. An opioid drug made from morphine that enters the brain rapidly and increased pleasure for the body.</td>
<td>[13], [66]–[68]</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Individual</td>
<td>Poor commitment to education and attachment to school.</td>
<td>Marijuana. The dried leaves, stems, flowers, and seeds from the Cannabis Indica plant that overactivated parts of the brain for feeling happier and hallucinations.</td>
<td>[11], [13], [20], [23], [64], [69]–[71]</td>
</tr>
<tr>
<td></td>
<td>Interaction and influence by friends and school environment encourage drug addiction among juveniles.</td>
<td></td>
<td>Cocaine. A powerfully addictive stimulant drug made from the leaves of the coca plant that signal the brain nerve cells for pleasure and relief.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Solvents.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Based on Table 3, the factors that influence drug addiction among juveniles at each stage of their development has been justifying. Juveniles may encounter emotional abuse or neglect by poor role models, blaming themselves and exposure to drug substances and criminal activities through the digital era within the UAE by obtaining them at parties and online sellers.

Therefore, we should carefully plan the prevention design by developing a conceptual model of factors that influence drug addiction among juveniles within the digital era, as shown in Figure 1.

Figure 1: Conceptual Model of Drug Addiction Among Juveniles within Digital Era.
Based on Figure 1, this will be the research framework of factors that influence drug addiction among juveniles. The research outcomes the factors affecting and impact from the individual, society, and family through a holistic approach design on the basis of identifies types of drug addiction among juveniles within the UAE. We need to develop the whole spectrum of drug addiction among juveniles so that the strategy planned need to be reviewed and prevention from time to time. Furthermore, the developed conceptual model of drug addiction among juveniles within the digital era can be used by other agencies to replicate or adapt similar prevention or programs plan for juveniles.

IV. ANALYSIS AND RESULTS

The purpose of the analysis and results section is to present and illustrate these research findings. We gain an intense cognizance about the perceptions and digital behavior about drug addiction among juveniles within the UAE regarding the factors that influence them. The data analysis shows the relationship between the factors affecting and type of drug addiction among juveniles, as shown in Table 4.

Table 4: The Relationship between the factors affecting and type of drug addiction among juveniles in the Digital Era.

<table>
<thead>
<tr>
<th>The Factors Affecting</th>
<th>Type of drug addiction among juveniles</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Opium (Opioid)</td>
</tr>
<tr>
<td>1. Individual</td>
<td></td>
</tr>
<tr>
<td>Peer influence</td>
<td>12</td>
</tr>
<tr>
<td>Poor commitment to education and attachment to school</td>
<td>5</td>
</tr>
<tr>
<td>2. Society</td>
<td></td>
</tr>
<tr>
<td>Delinquency</td>
<td>8</td>
</tr>
<tr>
<td>3. Family</td>
<td></td>
</tr>
<tr>
<td>Parental Drug use</td>
<td>20</td>
</tr>
<tr>
<td>Poor and inconsistent family management</td>
<td>15</td>
</tr>
</tbody>
</table>

Based on Table 4, the relationship between the factors affecting and type of drug addiction among juveniles in the digital era indicates that (1) Individual on peer influence addicted to marijuana 80% and poor commitment to education and attachment to school toward addiction on marijuana 60%, (2) Society on delinquency shows 80% addicted to marijuana and (3) Family through parental drug use shows addiction to marijuana 90% and poor and inconsistent family management lead toward addiction to marijuana 95%. We can conclude that the type of drug addiction among juveniles is marijuana based on data analysis.

V. CONCLUSION

A broad multidisciplinary TR is changing the UAE. The UAE has always been one step ahead when it comes to embracing technology and resulted are a perfect reflection of this trend. As the community prepares to increasingly implement ground-breaking technology, the local government must leverage these social revolutions to create hyper-personalized experiences for their society and continue to build trust among citizens. Furthermore, in the digital era, education might develop drastically but community shall remain at the center of the society, especially to maintain values and ethics. Moreover, as one changes into the technological era, one needs to focus on the society part. Values and ethics are very crucial to society from the improper use of technology. Yet, drug addiction among juveniles within the digital era of UAE has increased rapidly. Drug addiction among juveniles is a serious threat to the health of juveniles and linked with other risk behaviors. Drug related crimes are equally conscience stirring and have made juveniles much over it. The dilemma not only harms juveniles but also negatively affects society and families. Therefore, this research focus on developing the conceptual framework of factors that influence drug addiction among juveniles, which will create alternative strategies of prevention including policy and programs for drug addiction among juveniles in the future.

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REFERENCES


