

Pakistan and Fourth Generation Warfare

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ABSTRACT

Fourth Generation Warfare (4GW) is a blend of all previous three types of war being employed by non – state actors. Some scholars associate it with Guerrilla war or insurgency. New age technology and communication system are essential part of propaganda involved in 4GW. It is a type of unconventional warfare. This analytical paper identifies types of 4GW tactics which are being employed by non-states actors in Pakistan. Pakistan government and its military are facing great difficulty and challenge to counter this type of warfare as army is trained for fighting conventional war. In order to fight 4GW with full force conventional military should adopt and incorporate “non-kinetic means” or unconventional means which includes, psychological warfare, cyber warfare, urban and guerrilla tactics. Media and academia can play significant role in creating awareness about 4GW in masses.

Keywords: *Fourth Generation warfare, Pakistan*

Introduction

Fourth generation warfare is a new term for most of the people. When first highlighted by Lind, Nightengale, Schmitt, Sutton, & Wilson (2001) it was considered merely an idea. But now, this idea has evolved into theory. In broad words, fourth generation warfare comes under the category of “strategic theory”. It is linked with strategic theory because the basic purpose of this theory is to get completely involved in thinking process and coming up with strong, persuasive and potent strategy in which the use of power, mind and force are effectively used and described. Fourth generation warfare is considered as a biggest thought in the current strategic discussions.

With the evolution of science and technology, and new inventions for better living standards, warfare has also evolved into a new generation in 21st century. The real issue which every military of the world is facing is the unidentifiable nature of fourth generation warfare. Fourth generation warfare is compared with “jelly” because of its various varieties in shapes, which are not constant, can be molded into any structure and form, also which is not sticky like a glue on any certain things. Same is the case with the nature and characteristics of fourth generation warfare. Just like it is hard to handle jelly in the same manner it is hard to counter fourth generation warfare. It is such a kind of theory or an idea where one has not reached its end. More like, there are still many ambiguous characteristics of fourth generation warfare and with the passage of time, new tactics, weapons, techniques

and methods are being adopted by this warfare. After a certain time, it comes up with something that is slightly different and new to the military and to the world. It comes up with such a kind of strategy that becomes difficult for the military to analyze the whole situation. But now the military is working on making a collective analysis to make data from the areas that are being attacked and witnessed by people. And, various information is being collected from the areas that are being targeted.

First the nature of this warfare came in front of military and the world as terrorist attacks and surprise attacks where no one were familiar with anything, about the place, time, area or the nature of target or that of the attack. This was then referred to as guerilla warfare, which was used by Vietnam, Iraq and Afghanistan to defeat US and Soviet Union. Later this warfare evolved into its new form following the same tactics i.e. insurgency, even today there are many places and countries in which insurgent movement is going on. Even in Pakistan, Balochistan insurgency have started and is still going on or emerging in the contemporary era. Other than that, many insurgent movements could be seen in the history and even today. Developed countries are also facing these kinds of attacks. Target killing, suicide bombing, attacking the government officials, military men, important national and international buildings and security agencies of a country all come under the target areas of the theory of fourth generation warfare. Not only developing or less developed states are the target of this warfare but also the developed and industrial states are under its grip. Even US has become a victim of fourth generation warfare in its early stages. With time, the boundaries of fourth generation warfare is increasing from a point to where they only attack through bombing or by killing people to a point where they use media and network to affect the mindset of the people. This new technique used in fourth generation warfare is also referred to be as psychological warfare and information warfare where they target the minds of people to create fear, chaos and hatred in people. Therefore, fourth generation warfare is a non-traditional warfare where militaries of two or more states do not fight with each other. But a third group has been evolved that are called as non-state actors and these non-state actors are at war with the military, also with the government and innocent civilians are being targeted. In this warfare, state's military has to fight against a non-state armed men. Thus, eliminating the boundaries and blurring the fine line between military and civilians. Now, it has become difficult to analyze non-state actors (Osinga, 2007).

About the tactics of warfare, fourth generation warfare tactics have blurred many difference, now there is no distinction between war, politics, conflicts, battlefield and danger zones, with safe zones and peace. No place on earth could be considered safe in this new ear of warfare. There is no proper time for the attack and it can occur anytime. The battlefield is the entire land of the world fought not only by weapons but also by some most used technological devices and weapons, also because of globalization, cultural, ethnic and religious conflicts etc. This war has been spread worldwide in decentralized zones and manners. The victims of this warfare are not only the military and soldiers but also civilians, people with different religious beliefs, important places of a country, international markets or buildings, high leveled economist and politicians and most important target is the minds of the people. Another tactic of fourth generation warfare is to destroy a state from within i.e. not to have external or border tension with other states but to

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have a situation of terror and war within the state. Their main purpose is to damage and destroy “state’s monopoly” completely. For that purpose, they must destroy and weaken the state internally so that they could not be able to make any strong move against these non-state actors. On the other hand, the tactics of this warfare includes, to distract the state and military to be in fight with these non-state actors and in return they are involved in creating hatred and chaos among the people, such as by rising sensitive issues in ground more like ethnic, sectarian, racial, ideological, tribal, cultural differences and many other issues to make people fight with each other. People without recognizing and unknowingly becomes the target of non-state armed men (Williamson, 2009).

Historical Background

Late in 1980’s, a theory of 4GW emerged with the evolution of modern warfare. It is significantly different from the first three generational warfare. In first generation warfare, the basic characteristics was to fight in line and column, with huge and heavy muskets. In simple words, the attackers disperse in whole area of the enemies and in battlefields. This warfare was first followed by the French and Napoleon was an important figure in following first generation warfare. The second generation warfare, similarly followed by the French, was also followed by the U.S., the tactics of this warfare was the shift from smoothbore muskets to rifle muskets and other machinery guns and the central logistics will decrease to a certain level. The third generation warfare was again a new kind of warfare which was primarily maneuver based, attacking secretly on the bypass of enemy and defeating them this secretive way instead of coming close to defeat them from the front. This kind of warfare was first introduced by the Germans. Thus, two important elements that changed one generation of warfare into another generation are; Technology and Ideas. The fourth generation warfare is a complete change of the concept of not only these two essential elements i.e. techniques and ideas, but also the tactics of warfare and the target of the enemies have been changed. 4GW is such a kind of warfare in which one does not fight or attack from the front lines in order to destroy the enemy. The main goal is to attack the enemy internally instead of destroying them physically. Target of this warfare is population and those support for these war, and the culture of the enemy. For this, the central gravitational point of the enemy must be identified. Other elements are same as that of third generation that it is undefined and scattered to a large area. In fourth generation warfare, the difference between military and civilians is removed and the concept of battlefields and fighting in front lines and columns is lost (Phelan, 2011).

When 4GW was emerging, the world was completely unaware of the new threat that was on its way. When 9/11 occurred, the whole world felt a great shock. Though the attack occurred in US but tension roused in Pakistan. One reason is that because Pakistan was supporting Taliban and the other reason that one side (either U.S. or Taliban) had to face disappointment from Pakistan. At that time, Pakistan became US’s ally because of the fact that they were their main source of military and financial support. Due to the shift in foreign policy Pakistan became a victim of fourth generation warfare to a great extent. Now, this warfare has struck Pakistan and there is no way of getting out of it. After Army Public School (APS) attack in 2014, people of Pakistan came to realize the danger of 4GW that Pakistan is currently facing. 4GW warriors are not any state military persons but they are

non-state armed forces. Their method of fighting and attacking is totally different and unexpected from previous generations of warfare. This warfare has hit Pakistan through various forms, such as terrorism, suicide attacks, target killing, kidnapping, insurgency, ethnic and cultural differences, and sectarian and extremist violent activities etc. Pakistan army had great difficulty in fighting this warfare because of its new methods and techniques. But now, Pakistan army is working in understanding this warfare and has launched many operations in order to fight back these non-state actors. But still there are many things about which the people of Pakistan and the military is unaware that how it will come in front of everyone in the next moment. That is why this warfare is considered as one of the most dangerous kind of warfare ever evolved in the history of the wars (Malik, 2015).

Research Objectives

- To find out the meaning of fourth generation warfare
- To identify the difficulty Pakistan is facing because of fourth generation warfare.
- To identify the challenges Pakistan's military is facing because of fourth generation warfare.

Literature Review

According to Wilcox and Wilson(2002) it is apparently difficult to understand fourth generation warfare. Only a few people in general, a few forces of military and other organizations know about 4GW and its challenges. It is also difficult to define such a kind of warfare because it is continuously being evolved with the improvement in technology, weapons and development of new strategies. Though it can simply be understood by the generations of warfare. 4GW is said to be evolved from a series of warfare i.e. from first generation warfare (which is fought in lines and columns, with smoothbore muskets and gun powder) into second generation warfare (i.e. also fought in the same manner as of first generation warfare but with heavy firework and with cannons) and this form transformed into third generation warfare (in which fireworks increased in a large amount and non-linear and new ideas were introduced in this warfare), with the changing nature of all these three forms of warfare, there evolved the 4GW in which the concept of fighting a battle and the techniques and strategy shifted in a whole new level. In this kind of warfare, not only guerrilla warfare was introduced but also it gave the main idea of attacking or targeting the core areas or organizations which could ultimately destroy and weakens the state from within. Fourth generation warfare eventually created the idea of how people and military could be targeted not only by causing mass destruction but also through psychological aspects by creating fear, chaos and hatred in the minds of people all over the world. In other words, this warfare could also be said to be as a psychological form of warfare. It directly targets the psyche or mindset of the people rather than causing any physical harm to them.

Wilson, Sulliva, John and Kempfer(2003) described that it is being said that terrorism is not 4GW neither its form nor its part but terrorist organizations takes 4GW as its trump card. It is a great challenge for conventional military to

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understand these minor differences between terrorist activities. The non-state actors and the armed forces involved in 4GW. Taking a deep analysis, three building blocks of fourth generation warfare has been analyzed i.e. a nation losses its state's reforms and policy on war strategies and war, the other one is that turning the world into conflicts among states and cultures and the last one is dividing the nations or states on the basis of diversity in ethnical, religious and lingual groups and some other exceptional special interests (like sects, particular race or clans etc.) among our societies and with other societies as well. It is predicted that some changes have been occurred in fourth generation warfare, four important points are that, the enemy will be moving and a shift will take place from attacking on back end of the enemy instead of attacking them from the front. Also, the experts or non-state actors who are practicing fourth generation warfare greatly focus on using the strategies and qualities of the enemies against them and will utilize freedom and flexibility of being open to use in opposition to them. The last one is that the forces or actors of 4GW will not require such a great deal of money for it to be conducted.

Qureshi (2010) analyzed that in the 21st century, 4GW is used as a term by the military to mention all the issues that the world is facing. Today, the war is not between states but warfare has shifted itself from states to cultural identity. The whole world is in the grip of cultural conflicts. This is the only warfare that knows how to defeat the forces of military and the state's machinery without starting a total war or actual war against the state. In past years, the real war was only between two or more state and militaries were used to fought the war but in the current timeframe war has now began against the state from internal sources and is not fought by the state or the military. Instead, this warfare has blurred the lines between military forces, civilians and government. This war has more economic ends, cultural and ethnic ends, social ends and means to destroy and weakens the monopoly of the state rather than occupying a territory or the whole state. Not only developing or less-developed countries are its victims but the developed and industrialized countries have also become the victim of this new kind of warfare (Qureshi, 2010).

Katoch (2005) elucidated that many insurgent movements have been going on due to cultural and ethnic difference. Though only a few of them have been able to achieve its goal but there are many insurgencies going on in the world. One of the major reasons of these conflicts is globalization. Due to globalization, new culture and traditions have been emerged and the world has set itself as the ground for fourth generation warfare. The world made with globalization is considered as a perfect model habitat for the combatants of fourth generation warfare. The incentives of fourth generation warfare arose when state lost its monopoly and the security of the people and the government was challenged to a great extent. State with the help of military had tried so far to fight this warfare but it has now evolved itself into a whole new level which has become difficult to counter. The ambiguity of this warfare is still a question mark to the world. The terror being spread through media of this new kind of warfare has created fear in the people. A state is engulfed in various issues due to the increase in conflicts such as, insurgency, sectarian conflicts, racism and target killing, kidnapping, bombing etc. The threat of 4GW is difficult to recognize. Non-state actors, militants and the fighters involved in this warfare are also unidentifiable. During Vietnam war,

when guerrilla warfare was used for the first time, some professional U.S. military officials tried to identify the tactics used by the militants, at that time, it was made sure that a new kind of warfare is being emerged which is unable to be recognized, analyzed and difficult to fight. That was when the world was hit by this new generation of warfare with increased technology, advanced equipment and weapons. This warfare is asymmetrical and irregular armed forces fight this war either on one end or at both ends.

Malik (2016) narrated that wars are usually fought for a short period of time and ends with the victory of any one side. But 4GW is said to be a long and never ending war. After 9/11, with the new foreign policy of US was made. They started a war i.e. "Global War on Terror (GWOT)", Pakistan had to shift its foreign policy as well. Due to the sudden shift in foreign policy from helping the Taliban to starting a war against them, the whole pattern of the world changed. Pakistan which was supporting Taliban was now waging a war against them and even provided land to US army to start drone strikes and operations to fight this global war against terrorism. Since then, Pakistan is facing terrorism and terrorist activities. Though Pakistan become the victim of fourth generation warfare at that very moment when foreign policy was shifted. But no one realized the fact the 4GW actually hit Pakistan at that time. The world, itself, at that time had not accepted fourth generation warfare as a threat to the world. With time, fourth generation warfare evolved and spread in the world in such a way that no one recognized it at first and now it has become difficult for the conventional military to counter such a kind of warfare. Even today, there are very few people in Pakistan who have a little knowledge about fourth generation warfare. In Pakistan, all the characteristics of 4GW are found in various ways, such as media is effecting the minds of people and has created fear and hatred in the people, target killing, suicide bombing, kidnapping, psychological effects on people, sectarian violence, insurgency and extremist activities etc. Major problem is that people are still unaware of this warfare and it is still new to many people and most of them do not even know about this warfare.

Fourth Generation Warfare in Pakistan

Fourth generation warfare is an active threat to Pakistan. In the present time one can see that there are many conflicts going on in Pakistan which comes under the category of 4GW. All these violent extremist groups come under the patronage of sectarian, nationalist, ethno-lingual and "mujahidin (jihadist)" movement etc. (Malik, 2015). Pakistan became the victim of 4GW after 9/11, because the whole world was given the picture that Pakistan is the main source of terrorism. Pakistan was blamed in such ways that the world still considers Pakistan as a terrorist state. Due to the shift in our foreign policy from helping Taliban and mujahidin to going against their activities became a major reason for the rise of 4GW in Pakistan. It was US's war on terror but being supported and aided by US, we became their ally. And the war shifted itself from US to Pakistan. Thus, Pakistan became and still is the victim of a never-ending war and meet its new form that is, Fourth Generation Warfare (Malik, 2016).

4GW, though is not an actual war, where one wins and the other loses. It is a long slow proceeding warfare, which destroys state's monopoly and weakens a state from within. Even though this warfare is slow in process but the end result is

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usually the same as desired. All tactics of fourth generation warfare seems to be occurring in Pakistan. In Karachi, 4GW come in the form of “Target Killing”, where there is no difference between the civilians, officials and the military. Kidnapping and other violent activities are also going on in Karachi. Other example is that of Khyber Pakhtunkhawa and Tribal areas where fourth generation warfare comes in the form of “Terrorism” or “Terrorist attacks” also known as surprise attacks. Terrorists’ attacks and surprise attacks occur in any place at any time without specifying the nature and magnitude of the attack. It also comes as “suicide bombing” and other such activities. These attacks are occurring in almost every big city of Pakistan. Another biggest tactic of fourth generation warfare is going on in Balochistan, where they have their own armed forces i.e. “Balochistan Liberation Army (BLA)”. This group is involved in insurgent movement in Balochistan. All this is effecting the mindset and psyche of people. Other than that Sectarian violence is at its peak in Pakistan, now it’s like the Shia and Sunni community are in constant state of fight, ready for bloodshed and have hate for each other. All these violent 4GW activities are going on in Pakistan since a long time. But most of the people are unaware of the situation that is heading towards Pakistan. The reason behind all this is illiteracy that people are still unaware of this threat. Other issues such as poverty, unawareness, illiteracy, economic deprivation and weak government system have led this situation go into its worst stage. Due to this, all forces which are against Pakistan have utilized the ingrained vulnerability of the country to start a proxy war along with fourth generation warfare (Malik, 2015).

Other than that, many organizations are created for the purpose of terrorist activities; these organizations are paid to do such activities. They are highly trained and target government officials, military officials and military bases and also the security forces of the country. The purpose of attacking government officials is that so they could make machinery of the state weaker. Since 9/11, Pakistan’s soil has become more like an open ground for terrorism and US’s war on terror have become the war of Pakistan. In early stages, the military was completely unaware about the circumstances and nature of 4GW. They were not even trained to fight for any unconventional warfare. But Pakistan army managed to get to know about the tactics of 4GW and how to counter them. Though still there is a need to do many more improvements. But in such a short time Pakistan learned how to fight on high mountain ranges. Pakistan army have been successful so far in operations they have conducted, such as the Swat/Malakand operation was a success and for few years Pakistan army had full authority over that area. Operations usually start from conventional means and ends up using unconventional methods. The reason for this is that infantry cannot always use conventional ways in order to defeat the enemies; they need to take non-kinetic and unconventional means. Every operation held by military is carried out by this technique. The ongoing operation i.e. Zarb-e-Azb is also following the same method. And it has so far been successful (Malik, 2016).

In Pakistan, due to strong and brave infantry struggle, army have done such a great work which no other army of the world could possibly do in such a short time. Not only the artillery forces but also the air force of Pakistan have improved their skills and abilities. They are trained to fight for a whole day by helicopters and fighter planes. Navy, on the other hand have also been improved (Malik, 2016).

As for South Waziristan, Pakistan army is now controlling most parts that area because government has failed to do anything about it and had completely lost its authority over there. They are able to take full control because of the success of operation Zarb-e-Azb. Now, Pakistan army is authorizing that area and has initiated many new plans and projects for development of better infrastructure. One main thing which Pakistan army is working on is to get people and especially children, complete education. Army has now opened new schools there and started working on institutes and providing children with free education. Other than this, Pakistan army is still working on building institutes of education, health and other such institutes that are beneficial for people living in South Waziristan. But the cause of all this is that government is doing nothing in those areas and everything is under the hands of army. Now the government is unable to say anything or to interfere in army's work being carried out in South Waziristan (Malik,2015).

On the line of control in Kashmir, Pakistan is engaged in asymmetrical warfare and is referred to be following proxy war with India. Though this is the old conventional method which is restricted to specific area only. Whereas it is suggested or preferred that Pakistan should use the tactics of 4GW to avoid any kind of nuclear war. India is using fourth generation warfare's strategy since a long time (Katoch, 2005). Even in 1971, India managed and used military to support the insurgent group in East Pakistan. Even in Balochistan, India is secretly helping the insurgent groups. Now the Indian security forces have clearly mentioned that they are using non-state actors to weaken Pakistan's state machinery and to destroy Pakistan by all means. Since a long time, Pakistan has realized that India is the one who is supporting and arranging terrorist acts in various ways to damage the country. Surely, there is no such convincing clarification that why all the "so-called Jihadists" are attacking Pakistan which is the only Islamic state in the world with strong military power and nuclear weapon. These jihadists and non-state actors are working with other external groups which are well established and are supporting them by giving aid and by providing them with high technology weapons. The 'so-called jihadists' and violent non-state actors, who have waged war against Pakistan are only contract killers and intimidators of those forces which are against Pakistan. After APS Peshawar attack, their genuine identities have been totally uncovered (Malik, 2015).

In spite of the fact that 4GW is a great danger to Pakistan, but still we have not been able to measure and calculate the consequences and degree of this threat for some time back. There are still no direct ways to fight back and counter this danger. 4GW is not only about attacking and killing, its other major tactic is to affect the minds of people and converting their psychological behavior to become more ambiguous and to create fear in people's mind. Thus, there is a great need to change and clear the ambiguous and feared mindset of people. For that purpose, it is important first to let people know about the nature and consequences of fourth generation warfare and how it is a big threat to Pakistan. Very few people in Pakistan know about fourth generation warfare until Army Public School, Peshawar (APS) attack occurred and people finally realized the danger of this warfare that is spreading in the country (Malik, 2015).

Strategies to counter Forth Generation Warfare in Pakistan

1. Infantry and Manpower to be strengthened

Fourth generation warfare has deeply rooted itself in Pakistan. Pakistan has been victim of 4GW for more than a decade. It was very difficult for the conventional military of Pakistan to counter this warfare when it first hit the country and spread fear and chaos all around the people (Qureshi 2010). The safeguard of the state as well as that of the people though is entrusted in the hands of the army, but they are also a great source which connects the people and the government and helps them have a good relation between each other. Because if people are not being protected by the laws and the government, they will be insecure and will go against the government. It is not necessary that army have to protect the cities as well as the states. There are other forces such as, rangers, police force, and other special groups to fight crime and maintain peace in cities. Therefore, the training and education of military and other forces should have met the skills and tactics of fourth generation warfare in order to fight them. For 4GW, it is necessary to have strong and increase number of infantry and manpower along with high technology so that the enemy would be targeted with more ease. It is necessary to train infantry and other forces to fight in urban areas because it is one of the only method which would make military to stand firmly in front of the fighter of fourth generation warfare. In other words, conventional military should now follow and trained through unconventional means. Moreover, to encounter these enemies with full force, Pakistan army should make strategies following the tactics and technique of unconventional warfare. It does not mean that only manpower is to be strengthened, use of new and advance technology is also necessary to fight against them, because the combatants of fourth generation warfare or non-state actors use high technological weapons. The topography of every area of field that can be used as a battlefield is very important and in military system. non-state actors (fighters of 4GW) use urban areas therefore infantry is the only and very important element to counter them. For this the size and strength of infantry is considered very important. In the current timeframe where the world is in the grip of fourth generation warfare, “numbers matter” a lot (Katoch, 2005).

Pakistan army started conducting operations in areas which were the main target of these non-state actors. Though Pakistan army was not trained to fight unconventionally. But with great effort and time, Pakistan managed to learn how to fight on mountain areas (Malik, 2015). Now Pakistan focusing on its infantry to be strong. In order to fight and stand in front of 4GW non-state actors there is a need to have well-trained infantry. Light infantry is also trained in special way which makes them move quickly in a battlefield and can fight the enemy on its own without completely relying on other. Thus, it makes clear that strength of military especially the infantry is very important. This has made Pakistan military become terrain soldiers but still there is a great need for Pakistan to have strong military and infantry to fight in unconventional manner against this warfare (Qureshi ,2010).

2. Adopting Fourth Generation Warfare and its Strategy

Pakistan being a biggest victim of 4GW has no other option but to adopt the strategy of unconventional warfare. But it is difficult to analyze the situation and

conduct a good strategy because with new inventions in technology, a new form of 4GW comes in front of the world. For that purpose, there is a need to make people and the government aware about this warfare. Pakistan has conducted operations against these non-state actors which have made the military able to identify, analyze their methods. Due to this they were able to confront them to a great deal. Pakistan army try their best to step back in order to prevent things from being more destructive. If the case is like this, air force could credibly be used. This way there will be great chances of warfare for Pakistan to have this unconventional warfare move according to conventional ways (Khan , 2012).

3. Operations based on Information Warfare

Fourth generation warfare is based on high technology and ambiguous techniques. Pakistan has, somehow, been following information and cyber warfare in its strategies but is unable to meet the desired results to counter fourth generation warfare. In order to work on it, Pakistan's Intelligence agencies has to be more suitable in analyzing and gathering information of 4GW. The information will then be used in order to make strategies to conduct operations. (Khan, 2012). The best way to deal with this new strategy is to have good information about fourth generation warfare. The keystone of fourth generation warfare is also "information and intelligence" (Hammes , 2007).

4. Using Unconventional means in Strategy Making

To fight and win against 4GW, the conventional way of warfare should be changed to unconventional ways. For this purpose, army should focus on making "Special Forces" which are to be trained unconventionally so they could become terrain warriors. 4GW is using other means such as information warfare, psychological warfare and other many such warfare's which are effecting not only the minds of the people but have created a sense of fear and hatred among them. Urban operations should be an essential part of the society, where military is trained to fight on ground with these non-state actors (Katoch , 2005).

Pakistan military is also making such strategies which include both means so that operations launched could be successful and military would be able to confront these non-state actors. Pakistan has conducted operations in various regions of the country to eliminate unconventional and terrorist activities from those areas. In the current time frame, Operation Zarb-e-Azb is still going on. All the pervious operations conducted by Pakistan were not using unconventional warfare as its strategy, because it was and still is difficult to analyze and construct such a strategy that would be suitable to counter this warfare. After deeply understanding this warfare, it has been concluded that "terrorism and Low Intensity Conflict (LIC)" are the main tools that are used by 4GW. Although the strategies are based more on conventional manners but it has unconventional means as well. In South Waziristan, Pakistan army is also using unconventional and kinetic ends. First to take down the enemies and then to take control and develop the whole region and making people aware of the danger of this warfare. Not only this, military operations are being held in urban areas such as in Karachi when Rangers took control over the whole city to eliminate all the enemies who were targeting people, kidnapping them, were involved in violent extremist activities and many other crimes, this has made Pakistan follow the tactics of urban operation and also

unconventional means. The Special Forces and infantry of Pakistan has also fought as 'mountain terrains' during those operations which were conducted on mountain areas. Thus, for Pakistan to make an effective strategy, low intensity warfare techniques, urban operations, giving awareness of people to prevent their minds from being manipulated and other such techniques are being adopted by the military (Qureshi,2010).

5. Protection of State's Legitimacy

Pakistan is a heterogeneous country where there are many chances of evolution of 4GW in making Pakistan's government loss its confidence and writ over the country. Since independence Pakistan is facing cultural, ethnic and lingual challenges. Insurgent movement in Balochistan has started since a long time before that East Pakistan was separated and Bangladesh was formed. Therefore, the tactics of 4GW can widely be seen in Pakistan. Pakistan's government is in an alarming situation because of the cultural and ethno-lingual conflicts going on and insurgent movements such as in Balochistan and also the tribal areas i.e. FATA (Federally Administrated Tribal Areas) and other problems to make economy of the country better again, to build schools in order to provide education so that the people of Pakistan know about the current situation going on in Pakistan and protecting and promoting national interest of the country (Khan ,2012).

6. Media's Involvement in Fourth Generation Warfare

In case of Pakistan, the war through media, cyber warfare and information warfare is something that is really different from any other kind of warfare. But now media and information warfare has become a major source of fourth generation warfare. In Pakistan, there are a few people in general and only the military knows about fourth generation warfare, its danger and how it is a threat to the country. As media is a very essential part of today's era, therefore Pakistan should use its media in order to make people aware of the danger of this warfare. Also, media must be used to educate people about the danger in which they are living in. instead of spreading negative image and fear and hatred among people media in Pakistan could be used to benefit the people. Thus, media and information warfare both would help people in knowing about the warfare which Pakistan is facing (Khurshid,2017).

Conclusion

The world is changing and going on a new level, in the same way warfare has also evolved into Fourth generation warfare. This warfare is entirely different from previous generations of warfare because of adopting unconventional and asymmetrical means in confronting any state or its military. It is causing great challenges and difficulty to the conventional military system. Though military is trying to analyze and adopt its strategies but the nature and characteristics of this warfare is still unknown to the military system. With the advancement in technology and science this warfare comes in front of the world with whole new tactics which are different from the previous one. Thus, the real nature of 4GW is still unknown. Till now, no single successful strategy has been adopted by the conventional military system. Suicide bombing, target killing, terrorism, guerilla warfare and other non-traditional tactics, all are part of fourth generation warfare, it also includes information warfare, cyber war, destroying state's monopoly

psychological warfare, insurgency and conflicts among people of the same country. All these tactics can be seen everywhere in Pakistan. Being an active threat to fourth generation warfare, Pakistan's military is analyzing and observing the whole situation of this modern warfare to adopt and develop strategies to counter it. In order to deal with this warfare, military has to follow unconventional means. It has also effected the social, economic and political sector of Pakistan. Due to their ambiguous nature, military is unable to fight them. Not only better non-traditional strategy should be made but there is a need to follow unconventional means and using them in the conventional "principles of warfare" to fully prepare and train the military system to fight against 4GW.

Recommendations

It is extremely necessary to make the people of Pakistan aware about the danger and threat of 4GW. For this purpose, government should take actions and make policies that would comprehend the tactics and strategies of this warfare. It will also help the government in taking clear and rigid steps to counter 4GW.

In order to fight fourth generation warfare, there is a need to have a solid and vigorous opinion of the public. There should also be a well-defined civil-military relationship so that they could meet at one single point where both leaderships (government and military) could agree on how to tackle this warfare.

In order to tackle 4GW, education sector must be improved and secured of any threats. So, that the children and youth could be literate and become educated to understand the situation and circumstances that the country is facing. It will also help them in enlightening the society and making societal norms stronger towards creating peace among each other and to stop people from doing violent activities. This will also help the people in understanding what is good for Pakistan or not.

Education must be immediately focused in rural areas and more educational institutes must be built in rural and especially tribal areas to make children and youth there literate, so they could also understand the situation of the country.

In order to fight 4GW in a battlefield, it is necessary to have strong and great number of infantry. One way to train infantry is with high technology and "Light Infantry". Thus, it makes clear that strength of the military especially infantry is very important.

To defeat 4GW fighters there is a need to analyze the whole war and draw conclusions, information, its consciences, ethics and its directions so that conventional military can make its strategies accordingly. In this way, conventional military should be trained for unconventional war as well.

Information warfare and cyber warfare have now become major tools of 4GW. "Intelligence, Surveillance and Reconnaissance (ISR) are most important in this fight." This way military will get benefited in understating and making strategies and policies of 4GW. Pakistan should also include and get involve in both these warfare's so that operations that are to be launched should be conducted in more sophisticated manner

To fight 4GW with full force conventional military should adopt "non-kinetic means" or unconventional means which includes, war of minds, brains (psychological warfare), internet, information (cyber warfare) and ground troops

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and infantry to fight in metropolitan areas (urban and guerrilla tactics) etc. all these unconventional means should be adopted in making strategies in order to counter fourth generation warfare

There is need to educate the media about the danger of fourth generation and under what circumstances this war is being fought. Media should also be used in order to make people aware about the meaning and nature of fourth generation warfare. The activities of the media should be in kept under proper check and balance, so that it does not portray negative image of the country or create any kind of fear among the people.

References

- [1] Hammes, T. X. (2007). "Fourth Generation Warfare Evolves, Fifth Emerges." *Centric For Fifth Generation Warfare Studies* 6-10.
- [2] Katoch, G. S. (2005). *Fourth Generation Warfare: Paradigm For Change*. Thesis, California : Dougla Borer.
- [3] Khan, K., and Khan, A. (2012). "Understanding Fourth Generation Warfare and it's Relevance to Pakistan." *IPRI 12, no.2* 89-109.
- [4] Khurshid, O. (2017). *The Changing Dynamics of Modern Warfare Retrieved from Stratagem.pk: <http://www.stratagem.pk/strategic-pulse/the-changing-dynamics-of-modern-warfare/>*. Islamabad, March 3.
- [5] Lind, W. S., Nightengale, K., Schmitt, J.F., Sutton, J.W., and Wilson, G. I. (2001). "The Changing Face of War: Into the Fourth Generation." *Marine Corps Gazette* 22-26.
- [6] Malik, A. (2016). *Pakistan Faces Fourth Generation Warfare on its Soil*. Islamabad, October 14.
- [7] Malik, M.R. (2015). *Fighting a Fourth Generation War*. Research Report, Islamabad: Pakistan Air Force Magazine.
- [8] Osinga, F. (2007). "On Boyd, Bin Laden, and Fourth Generation warfare as String Theory." *New Wars* 1-2-3.
- [9] Phelan, P. (2011). "Fourth Generation Warfare and its Challenges for the Military and Society." *Defense Studies 11, no.1* 96-119.
- [10] Qureshi, M. N. (2010). "Pakistan (Counter Terrorism Operations) in the Context of Fourth Generation Warfare: Challenges and Opportunities." *ISSRA Papers* 1-18.
- [11] Wilcox, G. and Wilson, G. I. (2002). *Military Response to Fourth Generation Warfare in Afghanistan*. Research report, New York: Emergency Response & Research Institute Retrived from .
- [12] Williamson, S. C. (2009). *From Fourth Generation Warfare to Hybrid War*. Strategic Research Project, Carlisle Barracks: USAWC.
- [13] Wilson, G. I., Sulliva, J.P., and Kempfer, H. (2003). *4GW: Tactics of Weak Confound the Strong Retrived from Military.Com. http://www.military.com/NewContent?file=Wilson_09083*.