Unity in Space Militerisation

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Abstract— On being the great achievements for the spirit for international collaboration space exploration to expand its horizons of knowledge, ensure in the harmonised space security for all the nations of the world, thus setting the significant milestones amidst of global challenges for space security as a socioeconomic as well as geo-political challenges

In light of the above challenges. Space weaponisation needs triggered, studies for the establishment of sustainable cosmic mission for genext, Space militarization is required not for the weaponisation of individual nations, or to demarcate the space security and weaponised state instead provide the protection cover from electronic warfare from :

1. satellite hacking.
2. Radar jamming /signal blackout leading to communication jamming.
3. Enhancement of military capacity for over-reaching the enemy strategic plan.

Ahead of this, space militarization is also becoming an executive part for incumbent satellite safety from space debris created as a result of manoeuvring the satellite destruction. Here are some reasons and review before/for militrization :

1. Premature satellite shutdown
2. Ageing of the satellite
3. Insufficient reorbitance
4. Radar jamming

Hence, few of the technological inter face follows the below lying order

a. Destruction of the satellite by using Ballistic missile weaponry system equipped with high powered laser interceptor energy signals for destruction of internal circuitry system at its initial stages.

eg: KALI interceptor – which means Kilo Ampere-Linear-Injector that uses beam energy modulated into electo-magnetic radiation as x-rays & microwaves, as relativistic high energy electron beams to be used for destruction of target by burning and crippling the onboard electronic system and micro-chips using the bursts of microwaves.

There is a need to emphasize on prevention and safety of **LEO (Lower Earth Orbit),** satellite system from damage due to space debris and enemy destruction strategies. And for this, there is a need to bring strategic advancement in designing of satellite material design using advanced nano-material science and integrated nano-fibre based conducting polymer technology along with the improvisation in sensor based systemic electronics, as a strategic way forward towards materialistic structure design of satellite and satellite sensors which can help in reducing the breath taking damage because of debris created due to satellite destruction using ASAT towards other space communication system.

Along with the follow up of satellite technological advancement, there is a need

to adopt a fundamental parameter for cosmic peace among all the nation which include trade, economics and interim and outer space security.

For this, we all can develop a *universal cosmic knowledge facilitation and space industrialisation platform* with the help of space faring nations for the development of space sustainable system which are of superior and friendly technical system to combat with the dangers of space disintegration by implementing the SPACE CODE OF CONDUCT with the human mission in societal-critical areas of energy, water, environment and space security with the greater vision for all the nations.

Thus, transforming our terrestrial habitat into liveable planet earth through a common & international collaboration in space where international laws needs to strengthen the space rules in order to equalise the rate of technological advancement and thus to delineate the dilemma between space militarization and friendly sites of space security, where space industrialization may provide suitably the high quality and cost effective services for space exploration.

In such a world, globalised space vision would surely enhance the quality of human life inspiring the spirit of international collaborative space militarization expanding the hori- zons of space weaponization to ensure space security for all the nations of the world.

Accodingly the space militerisation in may have to look forward the vision ahead with the innovative advancements in life sciences and biotechnology, where the crucial role would have been played throughough out the space vsision. Eithere there comes the matter of space based medical technology upgradation using the effective sensing instrumentation integerated with the telemedicine systemized with telenetworking within the village level networks where the medication,tele-medicine, tele consultation,tele monitoring and tele consultation, disease mapping system where the common basic healthcare amenities is still outreach of and the people.

Biomedical sciences and space militerisateion can be integerated in the way that the space mission leaders who are a major payroll part of international space stations are required with such drug & medication system that can help in regulating their body system in combating the diseases related to the outer easrth, viz. bone density, and environmental radiation.

The damage caused by the space debris , sometime creates destructive feffect on the health of astronomers, dealing with the outer earth orbital missions.And so the militerisation missions dealing and moving all along with the effective biotechnology techniques may help in dealing “Space Militerisation” with the space code of Conduct.

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