

**FIRST SCHOLAR PRESENTATION – COL MANEESH PARTHSARTHY, SENIOR RESEARCH FELLOW ON “EMERGING DISRUPTIVE TECHNOLOGIES AND THEIR IMPACT ON THE FUTURE BATTLEFIELDS”**

Time	Topic	Speaker
1100 hours	Welcome Remarks	Maj Gen RS Yadav, VSM (Retd), Director CS3
1105 hours	Guide’s Remarks	Lt Gen (Dr) Ravindra Singh Panwar, AVSM, SM, VSM (Retd)
1120 hours	Scholar’s Presentation	Col Maneesh Parthsarthy, Senior Research Fellow
1205 hours	External Discussant’s Remarks	Given by Maj Gen RS Yadav, VSM (Retd), Director CS3
1220 hours	Q&A Session	
1255 hours	Closing Remarks	Maj Gen RS Yadav, VSM (Retd), Director CS3

**Key Takeaways:**

- Technological advancements and geopolitical forces have reshaped existing governance models, social values, and defence strategies. Social media and technological advancements have led to the dissemination of polarising content and uneven access to critical information. This has prompted a focus on maintaining military supremacy and evolving defence strategies, particularly in the realm of artificial intelligence-based methods.



**Welcome Remarks by Maj Gen RS Yadav, VSM (Retd), Director CS3**

- Not all innovative technologies turn out to be disruptive. Throughout history, many emerging technologies have improved prevailing systems. Emerging technologies are those which are capable of creating a better output from an existing system. Disruptive technologies, a specific subset of emerging ones, replace established products, practices or services. These innovations have the ability to alter markets, industries, and businesses by replacing established products and practices.



**Presentation by Col Maneesh Parthsarthy, Senior Research Fellow**



**Guide's Remarks by Lt Gen (Dr) Ravindra Singh Panwar, AVSM, SM, VSM (Retd)**

- The strategic significance of emerging disruptive technology in potential conflicts involving joint forces, particularly the use of unmanned aerial platforms, presents opportunities and challenges for India's military responses.

It underscores the importance of flexibility, interoperability, and interchangeability in shaping strategies, doctrines, and operational plans.



**Distinguished Audience**

**Report by: Riddhima Verma CS3, USI**