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**ONLINE DEFENCE INFORMATION SYSTEM:
A PROPOSED MODEL FOR DEFENCE RESEARCH AND DEVELOPMENT
ORGANIZATION LABS IN INDIA**

In India, DRDO is a significant defence R & D, provides cutting-edge technologies and systems to India's Armed Forces. The mission "*Make in India*" has created a massive market for Indian and foreign companies to work collaboratively in research and development.

The online systems currently available in public are content-specific and scattered, whereas preference is an effective and efficient system that collates information and provides it through a single platform. DRDO, which is engaged in the development of weapons on a large scale, needs a repository that would provide all information to aid in the developmental efforts. Therefore, the model ODIS was conceptualized, designed, and developed as an online system that would serve defence professionals for all their information needs. Hence, the problem selected for the present study.

The study is significant in a semantic web environment where information moves ahead to fulfill the defence community's professional adequacy. A bird's eye view on India's effort to strengthen the country's defence R&D is considered necessary to understand the philosophy of the system development and study undertaken at large. ODIS aims to be an essential source for information on (i) defence products, technologies developed by DRDO; (ii) government policies concerning export and import of defence items; (iii) International export control provisions, treaties, and disarmament provisions (iv) various international alliances, and, similar information. The study also provides nuances of various international models that could be potentially studied by DRDO for making way to high-end international defence S&T collaboration, review challenges, and find a way to address them innovatively. Hence, the present investigation assumes profound research significance.