



Directorate of Extramural Research & Intellectual Property Rights

DER&IPR



Aim

Directorate of ER&IPR is to develop essential knowledge and capabilities for DRDO's immediate and futuristic needs for defence product development and technologies.

EXTRAMURAL RESEARCH SCHEME

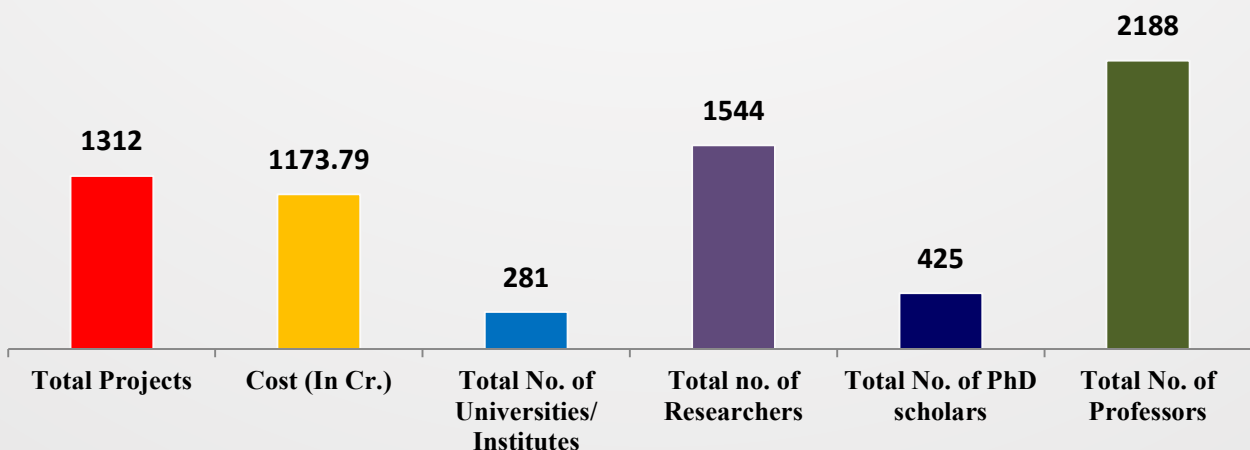
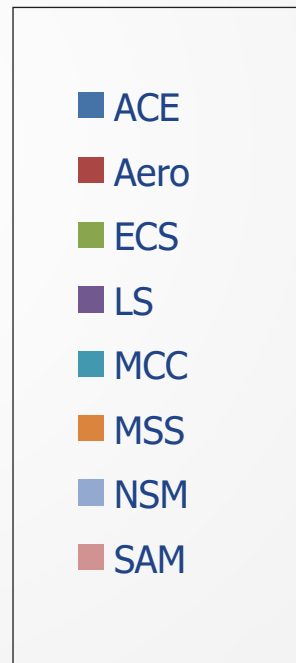
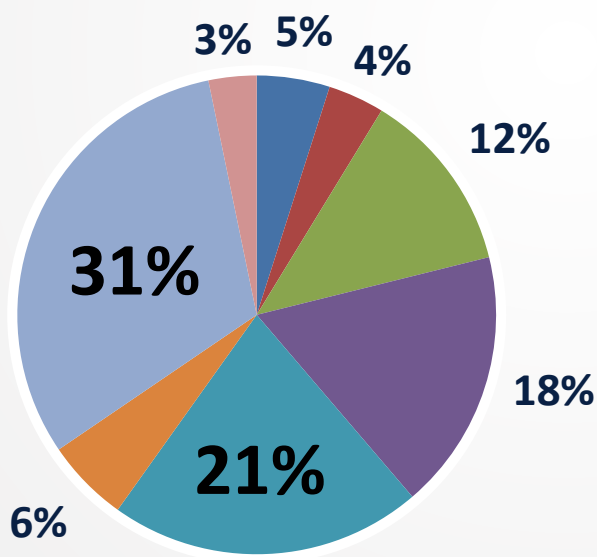
The objectives of the ER Grant-in-Aid are

- To accelerate building of indigenous defence capability in academic and research institutions and foster knowledge-based growth in science and advanced technologies by strengthening and integrating national resource of knowledge, knowhow, experience, facilities and infrastructure and enable growth of defence R&D.
- To catalyze cross-fertilization of ideas and experience between DRDO and academic experts in scientific and technical fields that contributes to the progress of scientific knowledge helping growth of defence technology in the country.
- To launch and coordinate directed research in academic institutions and support research in niche areas of science and technology and develop capabilities.
- To enable and exploit technological innovations and to create conditions suitable for attracting talent through research collaborations and other academic exchanges.
- To adopt synergic approach towards national needs and priorities in the field of defense technologies.

Thrust Areas

- > Directed Energy Weapons
- > Stealth
- > Unmanned Vehicles
- > Hypersonics
- > Materials
- > Electronics
- > Quantum Computing
- > Operational Fitness & Betterment of Soldiers
- > Armament
- > Process Manufacturing & Production
- > Cyber Security

Clusterwise Project Details



INTELLECTUAL PROPERTY RIGHTS POLICY

OBJECTIVE

Objective of the IPR policy is to create an enabling ecosystem for stimulating creativity, innovations and unleashing the full potential of its own scientific/technical workforce.

GENERAL PRINCIPLES

- The IPR policy will be consistent with the National IPR Policy and in harmony with the relevant legislation, government policies and practices.
- DRDO shall manage IP taking into account national security and strategic implications.
- DRDO shall endeavour to use IP in an equitable manner with the overall aim of diffusion of technologies for the benefit of society at large.
- DRDO will consider IP in its control as valuable resource and manage IP in an effective, efficient and ethical manner to derive the full economic potential.
- DRDO IP management shall promote relevant best practices to develop and sustain DRDO overall capability.
- DRDO will have IP management plans and practices commensurate with the IPR policy

ROYALTY FREE LICENSING OF DRDO'S PATENT TO INDIAN INDUSTRY

OBJECTIVE

- To provide boost to Indian industries in general, and to defence industries, in particular, through free access to Indian patents held by DRDO.
- To strengthen and deepen the bond between scientific community of DRDO and Indian industry leading to cross fertilization of ideas, entrepreneurship and IP driven products.
- The availability of DRDO developed patents to Indian industry at zero cost provides an opportunity to Indian industry for enhancing their capabilities and climbing up in supply chain.

Eligibility Criteria

The applicant for the license should be an Indian Public/Private company including Startup, MSME incorporated in India as per applicable Indian laws and regulations. The applicant should have the necessary capacity to absorb the patent protected technology, manufacturing capability as well as robust quality control mechanism.



**Directorate of Extramural Research & Intellectual Property Rights (ER&IPR)
Defence Research & Development Organisation (DRDO)**

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