

GOVERNMENT OF INDIA  
MINISTRY OF DEFENCE  
DEPARTMENT OF DEFENCE  
**LOK SABHA**  
**UNSTARRED QUESTION NO. 3877**  
TO BE ANSWERED ON 25<sup>TH</sup> MARCH, 2022

**FUNDS FOR RESEARCH OPERATIONS**

3877. SHRIMATI PRATIMA MONDAL:

Will the Minister of Defence be pleased to state:

- (a) the allocation made in the Budget for the research wing in defence organisations;
- (b) the amount sanctioned for various research operations taken up by these organisations since 2019, function and year-wise;
- (c) the allocation made for research in defence organisations as a percentage of the Gross Domestic Product (GDP);
- (d) whether the Government proposes to promote research in weapons manufacturing, radar, communication, etc. through the defence research organisations; and
- (e) if so, the details thereof and the action taken in this regard so far?

A N S W E R

MINISTER OF STATE  
IN THE MINISTRY OF DEFENCE

(SHRI AJAY BHATT)

(a): Year-wise details of the allocation made in Defence Research & Development Organisation are as under:-

(Rs. In Crore)

Year	Budget Estimates (DRDO)
2019-20	19,021.02
2020-21	19,327.35
2021-22	20,457.44
2022-23	21,330.20

(b): Details of amount sanctioned for research operations taken up since 2019 are as under:-

Year	No of projects	Cost (Rs. In Cr)
2019	87	4901.65
2020	89	4468.88
2021	69	19623.12
2022	14	1459.56

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(c): Details of Budget Estimates (BE) of DRDO as a percentage of Gross Domestic Product (GDP) from Financial Year 2019-20 are as under:-

(Rs. In Crore)

Year	Budget Estimates	GDP	(A) as percentage of (B)
	(A)	(B)	
2019-20	19,021.02	203,51,013(1 <sup>st</sup> RE)	0.09
2020-21	19,327.35	197,45,670(PE)	0.10
2021-22	20,457.44	232,14,703(1 <sup>st</sup> AE)	0.09
2022-23	21,330.20	258,00,000	0.08

Note:- GDP figures from Financial Year 2017-18 to 2021-22 are as per Economic Survey 2021-22 (vol-2) – Table 1.6 –components of GDP at Current Prices and for Financial Year 2022-23 are from Budget at a Glance (2022-23).

BE= Budget Estimates, RE= Revised Estimates

PE= Provisional Estimates, AE= Advanced Estimates

(d) & (e): The mandate and vision of DRDO include development of cutting edge technology to equip the Armed forces in domain of Missiles, Armament, Communication etc. Subsequently, production will be done by DPSUs and Defence Industry of India. The following action have been taken in this regards:-

- Make in India Initiative
- Signing of Licensing Agreement for Transfer of Technology (LAToT)
- Finalisation of Development Partner at Initial Stage of Project Sanction
- Finalisation of Production Agency/DcPP
- Recently DRDO HQ has prepared 'Industry can Do List' of various DRDO Products/ System which should be developed/productionised by Indian Industry
- Technology Development Fund to hand hold MSMEs to promote defence manufacturing in India

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