

Outcome based SDP budget – Secondary education

The three parameters for Secondary education are considered:

1. Learning outcomes
2. Gross Enrollment ratio (GER)
3. Drop out ratio

Impact indicators were analyzed for each of the parameters for 226 taluks of all 31 districts of the state with the objective of achieving the following outcomes:

1. Increasing Learning Outcomes to 100% from present 62%
2. Increasing Gross Enrollment Ratio to 100% from present 85%
3. Decreasing Dropout ratio to 0% from 14.64

Based on the analysis, the following parameters were found to be high impact in achieving the outcomes in the following order:

Sl no	Requirements	Impact %
1	Availability of Smart / ICT class rooms (internet. Maths kit, computers inclusive)	38
2	Availability of individual English teachers	35
3	Availability of individual Science teachers	21
4	Student to classroom ratio (SCR) > 30	6

Based on the above analysis:

1. Availability of Smart / ICT class rooms (internet. Maths kit, computers inclusive) was showing maximum impact across all 3 parameters
2. Availability of teacher for English language only was showing impact for reducing Dropout ratio and increasing Learning Outcomes
3. Availability of teacher for Science only was directly proportional to increasing GER
4. Construction of classrooms to decrease SCR to 30 or below was showing impact for increasing Learning Outcomes and GER

The minimum numbers as below are required to achieve 100% Learning outcome, Gross Enrollment Ratio and 0% Drop out ration

Sl no	Requirement	Number	Unit Cost Rs Lakhs	Total amount (Rs Cr)	SDP Budget 2023-24 (Rs crore)
1	Number of Smart ICT class rooms	1722	15.00	258.30	478.47
2	Number of classrooms	981	16.50	161.87	
3	Number of English teachers	1991			
4	Number of Science teachers	1295			

Talukwise details are annexed