

**GOVERNMENT OF ANDHRA PRADESH  
DEPARTMENT OF SCHOOL EDUCATION**

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Attainment of universal primary education and overall education development plays a key role in building awareness, skilling and emergence of a knowledge society.

Literacy rate in Andhra Pradesh (67.41%) is lower than the National average (73%) with higher literacy rate in urban areas (79.17%) in comparison to rural areas (62.43%). Especially Female Literacy rate in Andhra Pradesh (59.74%) is lower than National average (65.46%) and also there is high disparity between the literacy rates of SCs and STs.

As far as school education is concerned there are 61,696 schools in Andhra Pradesh State, with 44,412 managed by Govt, 14,439 managed by Private Un aided, 2,249 Private – Aided managements and 596 other managements (Madarasas and Un recognized) as per UDISE 2017-18 provisional data. In all 69.71 lakhs students are enrolled in A.P.Schools There are altogether 2,88,480 teachers working in all these schools, including 1,87,000 teachers working in Government managed schools. Parallel English medium section at Class I are introduced in 7491 primary schools.

Measurable outcomes are defined in order to drive impact and accomplish universal access to schools, equity and quality of education. A comparison of performance in terms of major indicators pertaining to the school education sector reveals a significant progress during the last 4 yearson several fronts.

One of the key Sustainable Development Goals (SDGs) indicator - Gross Enrolment Ratio (GER) for Primary, Upper Primary and Secondary is 85.61%, 83.96% and 79.15% respectively as per the Unified District Information on School Education (U-DISE) data of Andhra Pradesh for 2017-18. This is an increase of 3-4 % across all levels and was possible due to various enrolment drives, such as *Mana Vooru Mana Badi, Badi Pilusthondi*. There is further scope for improvement compared to the National average and that of the other Southern States.

There has been significant reduction in the Dropout rate in the last four (4) years, as seen from the Dropout rate during 2017-18 being 0%,

0.43% and 3.44% at Primary, Upper Primary and Secondary compared to Dropout rate of 6.27%, 5.47% and 3.81% in 2015-16 at respective levels.

Specific interventions taken up included adopting tools for dropout prediction and identifying the dropout influence factors; AP-GER mobile application for ground truthing of cross validated household and UDISE data; mainstreaming through Residential & Non-Residential Special Training Centers (RSTCs & NRSTCs), Madararas and Seasonal Hostels, etc. A distinct net shift of 84,604 students' enrolment from private schools to Government managed schools indicates emerging confidence in Government schools with improved infrastructure and quality interventions.

The Teacher Pupil Ratio (TPR) in Andhra Pradesh is above the National average at 1:22 at Primary Level and 1:27 at Secondary Level against the norm of 1:30 and 1:35 at Primary and Secondary levels respectively. Efforts have been taken to ensure School and Class level TPR through appropriate rationalization and consolidation of schools and better teacher deployment. Teacher recruitment has been taken up in 2014 whereby 9862 teachers were recruited. It is proposed to recruit 7,729 teachers during 2018-19.

There has been significant enhancement of budget to the School Education Department in the last 4 years. Every year there has been an increase in the budget allocation as shown below:

<b>Year</b>	<b>Budget allocated(INR Crs.)</b>
2015-16	13,726.68
2016-17	16,543.84
2017-18	18,159.45
2018-19	22,803.80

### **Improvement in Student Learning Outcomes**

Special efforts have been put on improving Learning Outcomes for Elementary and Secondary education as measured in Andhra Pradesh State performance ranking in the National Achievement Survey (NAS). There has been a significant improvement in AP rank and performance in NAS-2017 as indicated below. In Class 10, NAS, AP State performance is 1<sup>st</sup> in Mathematics 2<sup>nd</sup> in overall performance in all subjects. SSC pass % has increased from 91.16% in March – 2014 to 94.48% in March – 2018.

<b>Class</b>	<b>Subject</b>	<b>Rank 2014/15</b>		<b>Rank 2017</b>	<b>Overall Rank 2017</b>
3rd Class (NAS 2014)	Language	17	<b>13</b>	1	<b>1</b>
	Mathematics	9		2	
5th Class (NAS 2015)	Language	14	<b>14</b>	6	<b>5</b>
	Mathematics	15		5	

8th Class (NAS 2014)	Language	20	<b>23</b>	9	<b>8</b>
	Mathematics	26		7	
10th Class	Language	22	<b>13</b>	2	<b>2</b>
	Mathematics	4		1	

Sources: NAS 2014; NAS 2015; NAS 2017

In Annual Status of Education Report (ASER), 2016, while AP's performance is above National average in Class III and V, the performance in Mathematics improved with at least 48.10% students able to do subtraction in 2016, against 39.70% in 2014. However, in Class III, the ability of students who can read declined to 22.70% compared to 24.8% in 2014. Similarly, in Class V the % of students in Reading and English declined compared with 2014.

Student Performance Tracking System is put in place and assessment results are widely disseminated. Interventions aimed at improvement of Student Learning Outcomes, specific remediation and improved teaching-learning methods are being implemented at scale and impact monitored, as discussed below:

- *Gnana Dharais* a systematic Summer and Yearlong Remedial Programme designed to support poor performing students identified class wise in secondary schools. Summer Residential Remedial programme for students moving from Grade V to Grade VI and from Grade IX to Grade X was conducted covering over 46,000 students. Its focus is to strengthen basic concepts in the subject and pave way to raise interest among the learners to engage actively during the regular schooling. Low performing students are identified based on their performance in the Continuous Comprehensive Evaluation (CCE) and special remediation program is extended to them.
- The *Ananda Lahari Abhyasana* – a Multi-Grade-Multi Level teaching-learning program is being implemented in partnership with the Rishi Valley Education Resource Centre in 1342 Schools @ 2 Schools per mandal covering over 25,000 primary school students in two teachers primary schools.
- The *Teaching at Right Level* (TaRL) program is being implemented in partnership with *Pratham*, the internationally reported NGO that conducts the ASER Survey for primary school students to improve learning levels in Language and Mathematics. In all, 7746 schools and 2,75,702 students are covered in three (3) low performing districts – Anantapur, Kurnool, & Vizianagaram.
- In partnership with *Isha Vidya Foundation* in 3000 schools in Chittoor district, covering 1,57,763 children and 14,240 teachers, three (3) interventions - Happy Classroom, Magic English and Remediation

programmes are being implemented for improving learning outcomes among slow learners.

- *Quality Teacher Training* modules are designed keeping in view the gaps identified in student learning levels as analysed by the various assessments tracked subject wise. Online teacher training programs are being provided.
- *Abhinandana* – Based on SSC examinations performance, 5480 School Head Teachers received Appreciation letters from Hon'ble CM, Hon'ble Minister for HRD, Sp. Chief Secretary & Commissioner, School Education. The *Abidnadan* initiative motivated and propelled the Head Teachers to make special efforts to improve the SSC examination performance of their respective schools.

In order to encourage enhanced student performance, number and scale of Pratibha Awards for meritorious students in SSC Examinations is enhanced from 339 Medals @ of 30/District to 4026 @ of 6 Medals/Mandal. The scholarship amount is increased by 100% from Rs.10000 given in 4 installments to Rs.20,000 given in one installment along with a Tablet, Merit Certificate and Gold Medal

### **EdTech initiatives in School Education**

Digital education technology has been introduced in a big way during the last 4 years to improve quality of school education. Against a target of 5000 Digital Class Rooms (DCR), as on date 3640 DCR are setup. Against a target of 4000 Virtual Class Rooms (VCRs) as on date 1217 VCRs are established for providing quality education. [Digital Content, aligned to School Education Curriculum is being made available free of cost to all Government school students and teachers.](#)

Integrated Data Management Systems and other technology initiatives are being implemented in school education department since 2014, including:

- 100% Aadhar seeding of student enrollment and Teacher data
- Aadhaar enabled biometric attendance of Teachers in 41,601 schools covering over 1,78,000 teachers.
- Real time monitoring of Mid-Day Meal attendance covering about 35,00,000 students in 45,528 schools; enhanced quality of MDM by way of introducing serving of Egg for 5 Days, centralized supply of Dal, Oil etc.
- School Information Management System to support enhanced access information, services and dashboards for monitoring.
- Text Books with QR codes were distributed.

- Computer Based Online Tests for admission, Teacher Eligibility, Recruitment Tests.
- Online Teacher Transfer System
- AP eKnowledge Exchange Portalis established for teacher professional development with online courses, forums and digital content repository.

### **Awards achieved by School Education Department**

1. South Asia Manthan Award for eGovernance, 2016, among 296 entries in 9 categories from 07 SAARC countries.
2. SCOCH Award for eGovernance, 2017
3. Computer Society of India- NihilentAward for effective implementation of eGovernance, 2018.

### **Promoting Girl's Education**

Special programs are taken up to increase enrolment, attendance and to improve girls' education and their overall academic performance of. Specific programs include:

- Extending Grade XI and XII in Kasturba Gandhi Balika Vidyalayas (KGBVs)
- Badikosta program for distributing Bicycles to Grade VIII and Grade IX Girl Students. So far bicycles are distributed to 1,87,318 girl students. During 2018-19, it is proposed to distribute 3,81,142 bicycles
- Self-defence training for Girl students of Grade VIII and Grade IX
- Provision of Sanitary Napkins to Girl Students
- Construction of 143 Girls Hostels

### **Improving School Infrastructure**

Hybrid Annuity Model is being implemented at an estimated value of Rs.4848 crores for enhancing school infrastructure by way of Additional Class Rooms (33,145), Toilets, Furniture (40,665 schools), major and minor repairs to Government School buildings, etc. Large scale construction of school compound walls (Target - 21,249) and improvement of School Play Grounds is underway in convergence with Mahatma Gandhi National Rural Employment Guarantee Scheme (MGNREGS). Rs.100 crores are allocated for School Toilet Maintenance.

### **Improving Teachers' Service Conditions**

Teachers are key to ensuring quality education to all students. This Government has implemented many programs to improve teacher

motivation and build their knowledge and skills. Several benefits are extended to Teachers working in Government Schools, including:

- Upgraded 15,474 posts of Language Pandits and Physical Education Teachers to School Assistant (Language) and Physical Directors.
- Long pending grievance of Special Teachers appointed with Honorarium of Rs.398/- during 1996 are covered under Automatic Advancement Scheme with an additional budget commitment of Rs. 22 crores.
- Long pending grievance of “Haami Pathralu” teachers of DSC 2008 addressed and pay revision approved with financial benefit.
- Best Teachers awards selection systematised. The award amount is increased to Rs.20,000/- from Rs.3,000. A shawl, Tablet and Gold Medal are awarded to the Best Teachers.
- Performance Based Objective, transparent Teacher Transfer System is established.
- Inter-district transfers based on Spouse and Mutual basis approved benefiting several hundreds of teachers.
- Rationalisation norms for teacher deployment improved giving 5 teachers for 80 and above enrolment in primary schools, minimum 9 teachers for High Schools with 50 to 240 enrolment, etc.
- Andhra Pradesh eKnowledge Exchange Portal (APeKX) is established for teacher professional development with online courses, forums and digital content repository.

### **Promoting Physical Literacy & Sports in Schools**

During the last 4 years, greater emphasis has been put on promoting Physical Literacy in schools, including –Upgradation of all P.E Teachers to Physical Directors; Two (2) Hours scheduled for physical literacy program daily in the academic calendar; four (4) Levels of Physical Literacy Text Books designed and developed; allocation of Rs. 50 Cr during BE 2018-19; introduction of Yoga and training in Music, Dance (Bharatanatyam, Kuchipudi) in Schools as part of the Physical Literacy; intensive training for Physical education Teachers, introduction of Teacher Eligibility Test and Physical proficiency test for recruitment of PETs, etc.

To encourage sporting talent Pratibha Kreedha Awards for National level Medal achievers is instituted and Long Terms Athletic Training is being provided to school students in convergence with Sports Authority of Andhra Pradesh (SAAP).

### **Ammaku Vandanam Program**

“AmmakuVandanam” Programme is being celebrated on every Vasantha Panchami” Day from the Academic year 2017-18 onwards, as declared by the Hon’ble Chief Minister, Govt. of AP at the National Women’s Parliament held at Amaravati with main intention to pay tribute to mothers and respect motherhood.

### **School Education Department Strategies & Action Plan**

The Department of School Education has identified 5 key areas for interventions to accelerate and improve learning outcomes of students:

1. Conduct of high-quality assessments, ensure granular analysis for tracking student performance in various assessments
2. Dissemination of student performance insights subject wise, school wise, Mandal and District wise and usage by all stakeholders
3. Take up Special Projects and Remedial Program for low performing students.
4. Providing high quality teaching resources and focused trainings to Teachers on key academic gap areas.
5. Technology integration in classroom teaching and learning through Digital Class Rooms (DCR), Virtual Class Rooms (VCR), digital content, AP eKnowledge Exchange Portal for subject teachers, etc.

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