# REPUBLIC STUDENT

INDIA'S FIRST EDUCATION INTELLIGENCE NEWSPAPER

INTELLIGENCE REPORT SERIES

RS INTELLIGENCE REPORT #001

# THE NEW SCHOOL INFRASTRUCTURE RACE

## Are Buildings Improving Faster Than Learning Outcomes?

A Republic Student investigation into school infrastructure, learning outcomes, teacher capacity and future readiness across India.

**PUBLISHED**
June 20, 2026

**CATEGORY**
Education Infrastructure

**REGION**
India

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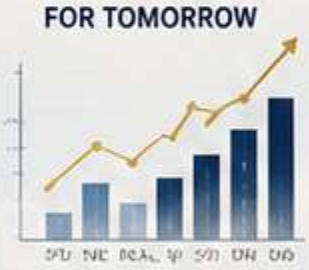
**THE INFRASTRUCTURE MOMENT**

- NEW CAMPUSES
- SMART CLASSROOMS
- MODERN LABS
- DIGITAL LEARNING
- BETTER FACILITIES





BETTER INFRASTRUCTURE → STRONGER TEACHERS → ENGAGED STUDENTS → IMPROVED OUTCOMES → FUTURE-READY INDIA

"BUILDING SCHOOLS IS IMPORTANT. **BUILDING LEARNING IS ESSENTIAL.**"

# EXECUTIVE SUMMARY

## The New School Infrastructure Race

*Are Buildings Improving Faster Than Learning Outcomes?*

### WHY THIS REPORT MATTERS

Across India, governments are investing heavily in school infrastructure. New campuses, digital classrooms, smart boards, laboratories and residential school projects are being announced at an unprecedented pace. These investments represent a significant commitment to improving educational access and modernizing learning environments.

However, an important question remains largely unanswered:

**Are improved facilities producing improved learning outcomes?**

Republic Student undertook this investigation to examine whether infrastructure expansion is being matched by improvements in teaching quality, student engagement and educational outcomes.

**REPUBLIC STUDENT INSIGHT**

Infrastructure creates opportunity.
Teaching creates capability.
Learning creates transformation.

The most successful education systems combine all three.

### KEY FINDINGS

**01 — INFRASTRUCTURE GROWTH IS ACCELERATING**

States are increasingly competing to upgrade government schools through infrastructure-led reforms.

**02 — LEARNING OUTCOMES IMPROVE MORE SLOWLY**

Physical infrastructure often improves faster than measurable academic outcomes.

**03 — TEACHERS REMAIN THE CRITICAL VARIABLE**

Teacher quality continues to be the strongest predictor of student achievement.

**04 — PARENTS EQUATE INFRASTRUCTURE WITH QUALITY**

School buildings often influence perception more than classroom effectiveness.

**05 — FUTURE READINESS REQUIRES MORE THAN BUILDINGS**

The workforce of 2035 will require skills that infrastructure alone cannot deliver.

### REPUBLIC STUDENT RECOMMENDATION

Governments should evaluate educational success using three indicators simultaneously:

**INFRASTRUCTURE QUALITY**
Are schools physically ready?

**TEACHING QUALITY**
Are teachers equipped to deliver learning?

**STUDENT OUTCOMES**
Are students becoming future-ready citizens?

**Infrastructure investment should be viewed as the foundation of reform, not its final objective.**

### EXECUTIVE TAKEAWAY

**Building Schools Is Important.
Building Learning Is Essential.**

The future of Indian education will be determined not by the number of schools inaugurated, but by the number of students empowered to learn, think and thrive.

### WHAT'S INSIDE THIS REPORT

SECTION 1

# THE INFRASTRUCTURE REVOLUTION

*India's Largest School Building Expansion in Decades — But Is Construction Outpacing Learning?*


## THE NEW RACE TO BUILD SCHOOLS

For decades, education debates in India focused on enrollment.
Today the debate has shifted toward infrastructure.

States are announcing integrated residential schools, smart classrooms, digital laboratories, STEM blocks, AI labs, teacher training centers, sports complexes and large educational campuses.

The scale of spending is unprecedented.

From Telangana's Young India Integrated Residential Schools to PM SHRI schools and state modernization missions across India, governments are increasingly using infrastructure as the visible symbol of educational reform.

The question is not whether infrastructure matters.
It clearly does.

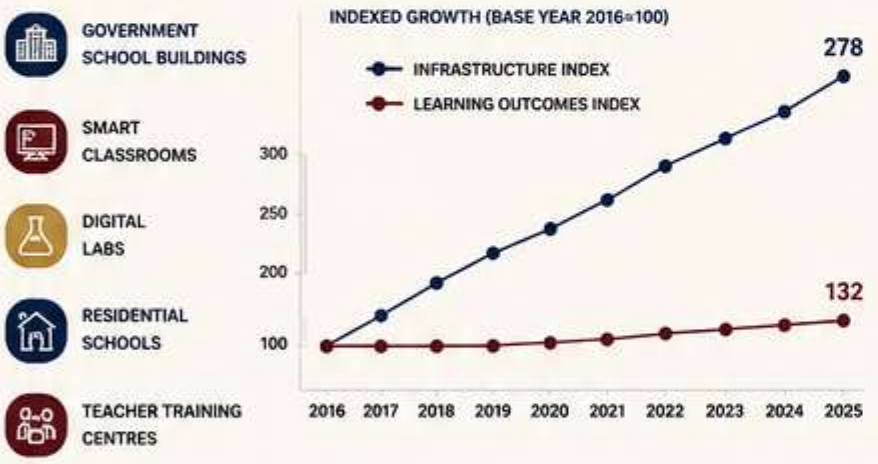
The real question is whether infrastructure is becoming the reform itself rather than the platform for reform.

> **A school building can attract students. Only great teaching can transform them.**
>
> — REPUBLIC STUDENT INSIGHT

## DATA DESK

### INDIA'S SCHOOL INFRASTRUCTURE EXPANSION

**"The Infrastructure Curve Is Rising Faster Than The Learning Curve"**




**2.7X** Increase in new government school buildings (2016–2025)

**3.1X** Growth in smart classrooms (2016–2025)

**2.9X** Rise in digital labs (2016–2025)

**2.4X** Increase in residential schools (2016–2025)

**2.2X** Growth in teacher training centres (2016–2025)

Source: Ministry of Education, UDISE+, State Budgets, RS Intelligence Desk
Note: Learning Outcomes Index based on NAS, ASER & State Assessments

## FIELD OBSERVATION

### WHAT PARENTS SEE FIRST

When parents visit a school, they usually evaluate:

- Building
- Cleanliness
- Uniforms
- Technology
- Campus Appearance

Very few parents can accurately evaluate:

- Pedagogy
- Teacher Quality
- Learning Outcomes
- Assessment Design

This creates an important policy challenge. Governments often prioritize visible improvements because visible improvements create public confidence.

## REPUBLIC STUDENT INVESTIGATION

### THE VISIBILITY PARADOX

Infrastructure is measurable.
Learning is harder to measure.

A new building can be photographed.
**A transformed student cannot.**

As a result, education systems frequently celebrate construction milestones while learning outcomes remain secondary indicators.


This is not unique to India.
The pattern appears globally.

## INTERNATIONAL COMPARISON

### WHAT HIGH PERFORMING EDUCATION SYSTEMS DID DIFFERENTLY

TEACHER DEVELOPMENT | CURRICULUM REFORM | CLASSROOM PRACTICE | ASSESSMENT QUALITY | STUDENT WELLBEING

Infrastructure supported these reforms. It did not replace them.

## THE FOUNDATION IS BEING BUILT

India's infrastructure revolution is real.
The challenge now is ensuring that every new classroom creates better learning, not simply better architecture.

The future of education will depend not on how many schools are inaugurated, but on how many students emerge prepared for life, citizenship and work.

SECTION 2

# TELANGANA CASE STUDY

*Young India Schools vs Village School Closures*

*Can A State Build The Future Without Losing The Present?*

## THE TELANGANA EDUCATION PARADOX

Over the last two years, Telangana has emerged as one of India's most ambitious states in educational infrastructure investment.

The government's flagship Young India Integrated Residential School initiative promises world-class campuses, modern classrooms, digital laboratories, sports facilities, residential accommodation, and international-standard learning environments.

The vision is bold. Create institutions capable of competing with the best educational models in the country.

However, beneath this infrastructure revolution lies a difficult question.

While large residential campuses are being announced and constructed, hundreds of smaller government schools across rural Telangana have witnessed declining enrollment, mergers, or closure due to low student strength.

**Can educational excellence be centralized without weakening educational accessibility?**

This question forms the heart of Telangana's education transformation story.


## FIELD REPORT

### WHAT IS ACTUALLY HAPPENING ON THE GROUND?

The state's argument is straightforward. Many village schools operate with fewer than 20 students. Maintaining separate infrastructure, teaching staff, administration and resources for such schools becomes increasingly difficult.

Officials argue that consolidation allows resources to be redirected toward stronger institutions capable of delivering better outcomes.

Critics, however, point toward a different reality. For many rural families, the local government school is not merely an educational institution. It is a community anchor.

When schools disappear, villages lose more than classrooms. They lose a public institution that connects children, parents, teachers and local identity.

## DATA ANALYSIS

### THE INFRASTRUCTURE SHIFT

| OLD MODEL | NEW MODEL |
|---|---|
| Many small schools | Fewer but larger institutions |
| Limited infrastructure | Centralized facilities |
| Limited resources | Advanced infrastructure |
| Limited specialization | Specialized learning environments |

The transition is not inherently wrong. The challenge lies in managing the social consequences of the transition.

## STUDENT ACCESS QUESTION

### WHEN DISTANCE BECOMES A BARRIER

Students who once walked to a nearby school may now need transportation to larger centralized campuses.

For older students this may be manageable. For younger children, especially primary-level learners, distance often becomes a critical factor affecting attendance.

Global educational research consistently demonstrates that proximity remains one of the strongest predictors of regular attendance among younger learners.

Infrastructure quality cannot entirely compensate for accessibility challenges.

## REPUBLIC STUDENT ANALYSIS

### THE DEBATE IS NOT BUILDINGS VERSUS VILLAGES

Public debate often frames the issue incorrectly. The question is not whether Telangana should build modern schools. It absolutely should.

The question is whether modernization can occur without creating new educational deserts in rural areas.

A successful education system requires both:

CENTRES OF EXCELLENCE + NEIGHBOURHOOD ACCESS

The strongest systems in the world maintain this balance.

## PARENT VOICES

### WHAT FAMILIES ACTUALLY WANT

Conversations with parents across government and private school ecosystems reveal a remarkably consistent pattern.

- Quality teaching
- English communication skills
- Safe campuses
- Career opportunities
- Good transport
- Affordable education

> Parents rarely demand luxury infrastructure. They demand trust. The infrastructure becomes valuable only when it improves learning outcomes.

## INTERNATIONAL LESSON

### WHAT FINLAND, SINGAPORE AND SOUTH KOREA TEACH

High-performing systems around the world invested heavily in infrastructure. But infrastructure was never treated as the final destination.

INVESTMENT FOCUSED EQUALLY ON:

Teacher Preparation | Curriculum Quality | Student Support | Assessment Reform | Community Engagement

Buildings supported learning. They did not define learning.

## REPUBLIC STUDENT INSIGHT

> The success of Telangana's education transformation will not be measured by the number of schools inaugurated.
>
> It will be measured by whether every child — urban or rural — gains access to meaningful learning.

## THE REAL TEST BEGINS NOW

Telangana has already demonstrated that it can build.
The next challenge is proving that it can balance scale with accessibility, excellence with inclusion, and ambition with equity.

The future of educational reform will depend not on infrastructure alone, but on whether **every child remains connected to opportunity.**

SECTION 3

# THE NATIONAL COMPARISON

*How States Are Rebuilding Education — And Why Their Strategies Are Completely Different*

## THERE IS NO SINGLE INDIAN EDUCATION MODEL

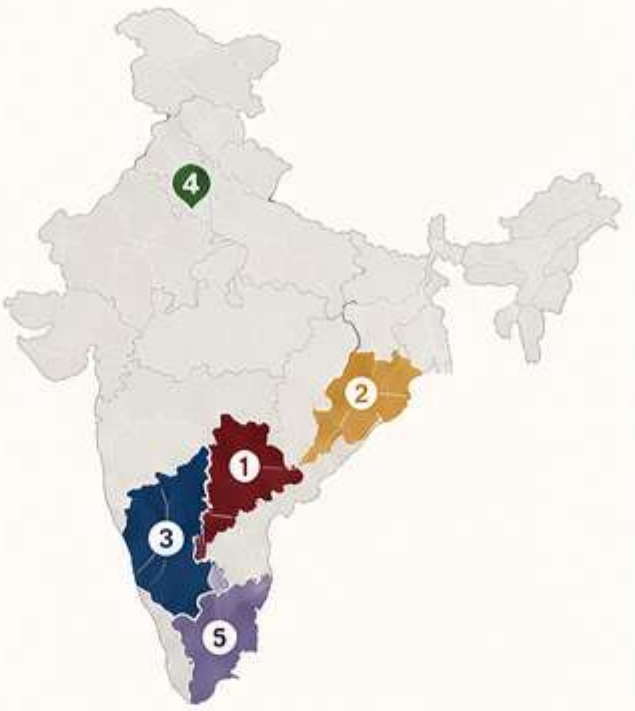
One of the biggest misconceptions in education policy discussions is the belief that all states are pursuing the same reform agenda. They are not.

India is quietly running dozens of education experiments simultaneously. Some states are investing heavily in infrastructure. Some focus on learning outcomes. Others prioritize teacher recruitment, technology integration, or residential schooling.

The result is that India has become one of the world's largest education laboratories.

The challenge for policymakers is understanding which reforms are actually producing results.

### EDUCATION REFORM DIVERSITY ACROSS INDIA




1. **TELANGANA** — Infrastructure-Led Transformation
2. **ODISHA** — Universal Access Through Public Investment
3. **KARNATAKA** — Mobility As Educational Policy
4. **DELHI** — Governance And Accountability Model
5. **TAMIL NADU** — The Nutrition And Learning Connection

## STATE SPOTLIGHTS

### 1 TELANGANA
**Infrastructure-Led Transformation**

- Young India Integrated Residential Schools
- School modernization
- Digital classrooms
- STEM laboratories
- Campus-based excellence models

The state's theory is clear: Build world-class learning environments and educational outcomes will follow.

The opportunity is enormous. The risk lies in maintaining access for rural learners.

### 2 ODISHA
**Universal Access Through Public Investment**

- School transformation initiatives
- Tribal education
- Residential schooling
- Scholarship expansion
- Digital learning infrastructure

Odisha's model demonstrates how infrastructure and inclusion can be pursued simultaneously.

### 3 KARNATAKA
**Mobility As Educational Policy**

- Statewide student transport initiatives
- Focus on girls' mobility
- Rural access solutions
- Safe and affordable transport
- Reducing dropouts through accessibility

Students cannot learn in schools they cannot reach. Infrastructure begins before the classroom. It begins with access.

### 4 DELHI
**Governance And Accountability Model**

- Teacher development
- School leadership
- Parent engagement
- Classroom monitoring
- Learning assessment

The state's experience suggests governance reforms can sometimes produce faster results than infrastructure spending alone.

### 5 TAMIL NADU
**The Nutrition And Learning Connection**

- Mid-day meals
- Student welfare
- Public education support systems
- Girls' education

Learning outcomes are influenced by much more than classrooms. A hungry child rarely becomes a successful learner.

## REPUBLIC STUDENT DATA DESK

### FIVE DIFFERENT MODELS EMERGING ACROSS INDIA

| STATE | PRIMARY FOCUS | CORE STRATEGY | KEY STRENGTH |
|---|---|---|---|
| 1 TELANGANA | Infrastructure | Build world-class institutions | Large-scale modernization |
| 2 ODISHA | Inclusion | Expand access for every child | Focus on equity and reach |
| 3 KARNATAKA | Access | Ensure students can reach schools | Transportation as policy lever |
| 4 DELHI | Governance | Improve systems, teachers and accountability | Stronger learning outcomes |
| 5 TAMIL NADU | Welfare Integration | Link education with health & nutrition | Holistic student development |

Different paths. Same destination: Better learning for every child.

## INVESTIGATION

### WHAT ACTUALLY PRODUCES BETTER LEARNING?

The evidence suggests that no single intervention creates educational excellence. Successful systems typically combine:

- Infrastructure
- Teacher Quality
- Student Support
- Governance
- Community Participation
- Assessment Reform

The states that balance these factors consistently outperform those that rely on only one strategy.

## REPUBLIC STUDENT INSIGHT

> The future of Indian education will not be decided by the state that spends the most.
>
> It will be decided by the state that learns the fastest.

## THE BIG QUESTION

**Can India Create A National Learning Framework While Preserving State Innovation?**

Education remains one of India's most diverse public systems. This diversity creates experimentation. But it also creates inequality.

The next decade will test whether India can build common learning standards while allowing states to innovate according to local needs.

## PAGE 5 CONCLUSION

### India's Real Advantage Is Not Size. It Is Diversity.

Every state is testing a different answer to the same question: How do we prepare students for a rapidly changing future?

The states that answer this question successfully will become the models others follow.

SECTION 4

# THE TEACHER QUESTION

*Why The World's Best Education Systems Invest In Teachers Before Buildings*


## THE MOST EXPENSIVE MISTAKE IN EDUCATION REFORM

Around the world, education reforms often begin with construction.

New buildings. New campuses. New technology. New infrastructure.

These investments are visible, measurable and politically attractive.

However, decades of international research reveal a consistent conclusion.

**The single most important school-based factor affecting student learning is not infrastructure. It is teacher quality.**

A modern classroom can improve the learning environment.
A great teacher can change a student's life.
The difference is significant.
One is a facility. The other is human capital.

## REPUBLIC STUDENT RESEARCH QUESTION

### Why Do Some Students Succeed In Average Schools?

Every community has stories of students who achieved extraordinary success despite studying in ordinary schools.

Many became doctors, engineers, civil servants, entrepreneurs, researchers and leaders.

Their success often traces back to one factor. An exceptional teacher.

These stories challenge a common assumption that infrastructure alone determines outcomes.

Educational history repeatedly demonstrates that teaching quality frequently outweighs physical resources.

## INTERNATIONAL EVIDENCE

### What High-Performing Systems Actually Prioritize

Countries consistently ranked among the world's strongest education systems share a common characteristic. They treat teaching as a prestigious profession.

**FINLAND**

Teacher education is highly selective. Teaching carries social respect comparable to other professional careers.

**SINGAPORE**

Teacher development continues throughout an educator's career.

Professional learning is institutionalized.

**SOUTH KOREA**

Teaching attracts some of the country's strongest graduates.

Classroom excellence is viewed as a national priority.

**LESSON FOR INDIA**

The strongest systems build schools.

**But they build teachers first.**

## FIELD INVESTIGATION

### What Teachers Across India Say They Need

Conversations with educators reveal recurring themes.

- Better training
- Reduced administrative burden
- Modern classroom resources
- Professional growth opportunities
- Leadership support
- Respect for teaching expertise

Most teachers do not ask for luxury.
They ask for the ability to teach effectively.

## THE TECHNOLOGY DEBATE

### Can AI Replace Teachers?

**The short answer is no.**

**ARTIFICIAL INTELLIGENCE CAN:**

- Personalize learning
- Generate content
- Assist assessment
- Provide tutoring support

**HOWEVER, AI CANNOT REPLACE:**

- Human mentorship
- Emotional intelligence
- Classroom culture
- Character development
- Trust

Education remains a fundamentally human process.
Technology can amplify teaching.
It cannot replace it.

## REPUBLIC STUDENT ANALYSIS

### The Teacher Shortage Challenge

Many education systems face a paradox. They build new infrastructure faster than they develop teaching capacity.

New schools require:

- Qualified teachers
- School leaders
- Subject specialists
- Counselors
- Support staff

Without these professionals, infrastructure risks becoming underutilized.

The real challenge is not construction.
It is talent development.

## DATA DESK

### What Creates Better Learning?

| STUDENT SUCCESS FACTORS | | RELATIVE IMPACT |
|---|---|---|
| Teacher Quality | ★★★★★ | HIGHEST IMPACT |
| Home Environment | ★★★★☆ | HIGH IMPACT |
| School Leadership | ★★★★☆ | HIGH IMPACT |
| Curriculum Quality | ★★★ | MODERATE IMPACT |
| Infrastructure | ★★☆ | SUPPORTIVE IMPACT |
| Technology | ★★☆ | SUPPORTIVE IMPACT |

The evidence suggests infrastructure matters.
But it works best when combined with strong teaching systems.

## REPUBLIC STUDENT INSIGHT

> Buildings create possibilities.
>
> Teachers create outcomes.

## THE BIG QUESTION

**Can India Make Teaching A Top-Tier Profession Again?**

India's educational future may depend less on the schools it builds and more on the educators it develops.

If teaching becomes one of the country's most respected and aspirational professions, the impact could extend far beyond classrooms. It could transform society itself.

## THE FUTURE IS HUMAN

As India modernizes educational infrastructure, one lesson remains remarkably consistent across nations, cultures and generations.

**Students remember buildings.**
**But they are shaped by teachers.**

The countries that understand this distinction most clearly often produce the strongest learning outcomes.

SECTION 5

# PARENT INTELLIGENCE & STUDENT VOICE

*What Families Actually Want From Education — And What Students Say They Need*

## THE GREAT DISCONNECT IN EDUCATION POLICY

Most education policies are designed by governments. Most education reforms are discussed by experts. Most education debates are dominated by institutions.

Yet the two groups who experience the consequences most directly are often the least heard — Parents and Students.

Across India, families are making educational decisions under rapidly changing conditions.

- Govt. schools are being modernized
- Private school fees continue to rise
- Technology is reshaping learning
- Career expectations are changing
- Decisions are complex & info is insufficient

The result is growing anxiety within households across socio-economic groups.

> Every education policy ultimately enters a classroom, reaches a family, and shapes a child.
>
> — REPUBLIC STUDENT INSIGHT

## PARENT INTELLIGENCE REPORT

### WHAT PARENTS ACTUALLY PRIORITIZE

Public conversations often assume parents primarily seek prestigious campuses and expensive facilities. The evidence suggests otherwise.

Most parents consistently prioritize five things:

**1 TEACHER QUALITY**
Parents trust teachers more than infrastructure. A skilled teacher often influences school choice more than a modern building.

**2 SAFETY**
Physical and emotional safety remain non-negotiable. Parents evaluate schools through the lens of student wellbeing.

**3 COMMUNICATION SKILLS**
English proficiency, confidence and communication abilities are seen as pathways to future opportunities.

**4 EMPLOYABILITY**
Families want education connected to real-world outcomes. Parents ask: "Will this education help my child build a meaningful career?"

**5 CHARACTER**
Many parents want more than academic marks. They want children with responsibility, discipline and social awareness.

## STUDENT VOICE

### WHAT STUDENTS SAY IS MISSING

**STUDENTS WANT LEARNING TO FEEL RELEVANT**
Many learners struggle to connect classroom content with real life.

- How does this apply outside school?
- Why am I learning this?
- How will this help my future?

**STUDENTS WANT GUIDANCE**
Academic information is abundant. Career guidance is not.

Many students report uncertainty regarding:

- Careers
- Skills
- Emerging industries
- Higher education pathways

**STUDENTS WANT TO BE HEARD**
Students describe schools as places where decisions are made for them rather than with them.

The strongest institutions create mechasaims for studted participation.

## REPUBLIC STUDENT FIELD OBSERVATION

### THE RISE OF THE ANXIOUS PARENT

A new educational phenomenon is emerging across India.

Parents have access to more information than any previous generation. Yet many report greater confusion.

Reasons include:

- Multiple curricula
- Rapid policy changes
- Technology disruption
- AI uncertainty
- Expanding career choices
- Rising educational costs

Information abundance has not necessarily created clarity.

## DATA DESK

### PARENT EXPECTATIONS vs STUDENT EXPECTATIONS

| PARENTS PRIORITIZE | | STUDENTS PRIORITIZE |
|---|---|---|
| Safety | VS | Engagement |
| Academic Results | | Practical Learning |
| Career Readiness | | Career Guidance |
| Discipline | | Flexibility |
| Communication Skills | | Meaningful Experiences |

The overlap is significant.
The challenge is balancing both perspectives.

## INVESTIGATION

### WHY STUDENT VOICE MATTERS

Around the world, high-performing education systems involve students in discussions about their learning. Student participation improves:

- Engagement
- Attendance
- School culture
- Wellbeing
- Ownership of learning

Listening to students does not weaken authority. It strengthens relevance.

## THE BIG QUESTION

### Are Schools Preparing Children For Exams Or For Life?

Examinations remain important.
But families increasingly recognize that future success requires much more than academic performance.

Adaptability · Communication · Problem-solving · Ethics · Leadership

These competencies are becoming equally important indicators of educational success.

## REPUBLIC STUDENT INSIGHT

> Education succeeds when parents trust the system and students trust the process.

## THE FUTURE REQUIRES PARTNERSHIP

The strongest education systems are built upon collaboration.
Governments provide policy. Schools provide learning.
Teachers provide guidance. Parents provide support.
Students provide purpose.

When all five work together, educational transformation becomes possible.

# THE FUTURE OF EDUCATION
# INDIA 2035

*Final Conclusions, National Priorities & Republic Student Recommendations*


LEAD EDITORIAL

## The Next Decade Will Decide Everything

**By Mohammed Ismail, Chief Editor, Republic Student**

India stands at a historic educational crossroads. For decades, educational success was measured through enrollment numbers, board examination results and university admissions. Those metrics remain important.

However, the next decade will require a fundamentally different definition of success. The question is no longer whether children can enter schools. The question is whether schools can prepare children for a future that is changing faster than institutions can adapt.

Artificial Intelligence | Automation | Climate Change | Digital Citizenship | Entrepreneurship | Global Competition

The students entering Grade 1 today may graduate into careers that do not yet exist. The education system must prepare them not merely for jobs but for uncertainty itself.

**The future belongs to systems capable of adaptation.**

## INDIA 2035: FIVE TRANSFORMATIONS EVERY SCHOOL MUST PREPARE FOR

### 1 AI WILL BECOME A BASIC SKILL

Just as computer literacy became essential, AI literacy will become foundational.

Students must learn:

- AI ethics
- Prompting
- Verification
- Critical thinking
- Human judgment

The future belongs not to those who use AI blindly, but to those who understand it responsibly.

### 2 EMPLOYABILITY WILL START EARLIER

Career awareness can no longer begin after Grade 12.

Students require exposure to:

- Industry
- Entrepreneurship
- Technology
- Agriculture
- Public service
- Skilled trades

Career exploration must become part of schooling.

### 3 SCHOOLS WILL BECOME LEARNING ECOSYSTEMS

Education will expand beyond classrooms.

Learning will increasingly happen through:

- Community projects
- Internships
- Industry visits
- Digital platforms
- Civic engagement

The best schools will connect students to society.

### 4 MENTAL WELLBEING WILL BECOME CENTRAL

Academic pressure alone cannot define success.

Future schools must integrate:

- Emotional intelligence
- Psychological wellbeing
- Resilience
- Social skills

Healthy learners learn better.

### 5 DIGITAL ETHICS WILL BECOME A CORE SUBJECT

Every student now carries access to unlimited information.

Future education must teach:

- Online safety
- Privacy
- Digital citizenship
- Media literacy
- Responsible AI usage

Technology without ethics creates risk.

## NATIONAL EDUCATION SCORECARD

**STRONG PROGRESS**

- Enrollment
- Digital access
- Infrastructure investment
- Female participation
- Policy innovation

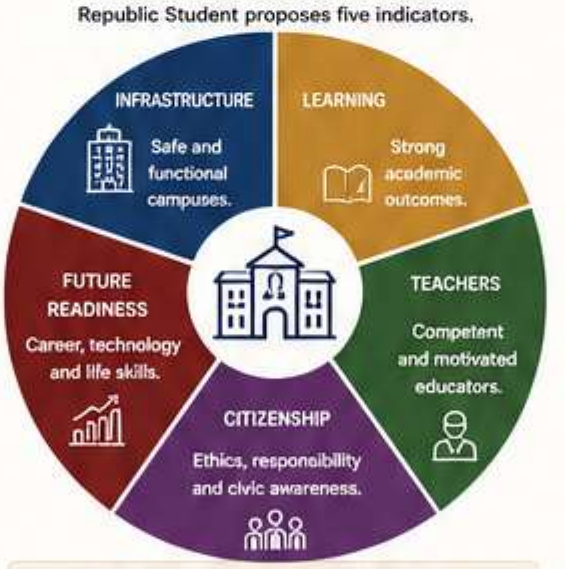
**AREAS REQUIRING URGENT ATTENTION**

- Teacher quality consistency
- Rural school sustainability
- Learning outcomes
- Career guidance
- Parent engagement
- Employability readiness

## THE REPUBLIC STUDENT INDEX

### What Makes A Great School?

Republic Student proposes five indicators.




A school that excels in all five areas is **future-ready.**

## THE BIG QUESTION

### What Is The Purpose Of Education?

This question appears simple. It is not.

Education is not merely preparation for employment. **It is preparation for life.**

**The strongest education systems create:**

- Capable workers
- Responsible citizens
- Ethical leaders
- Critical thinkers
- Lifelong learners

When education achieves these outcomes, societies prosper.

## REPUBLIC STUDENT RECOMMENDATIONS: FIVE ACTIONS FOR POLICYMAKERS

**1 PUBLISH ANNUAL DISTRICT-LEVEL LEARNING REPORTS**
Data transparency will drive accountability and improve learning outcomes.

**2 STRENGTHEN TEACHER DEVELOPMENT SYSTEMS**
Investment in educators must match investment in infrastructure.

**3 EXPAND CAREER AWARENESS FROM MIDDLE SCHOOL**
Early exposure builds clarity, confidence and better future choices.

**4 INTRODUCE DIGITAL ETHICS AS A STRUCTURED SUBJECT**
Digital citizenship is essential for a safe, responsible and future-ready society.

**5 CREATE FORMAL PARENT PARTICIPATION MECHANISMS**
Education improves when families are involved as active partners.

## FINAL THOUGHT

### The Future Is Already Sitting In Classrooms

India's future is not waiting in government offices.
It is not waiting in corporate boardrooms.
It is sitting today inside classrooms across villages, towns and cities.

**Every policy decision ultimately reaches a child.**

**The quality of those decisions will determine the quality of the nation that emerges.**

## CLOSING STATEMENT

"The future of India will not be built by technology alone.

It will be built by the quality of education that guides the people who use it."

# EDUCATION FUTURES
# THE SKILLS THAT WILL MATTER MORE THAN MARKS

*A Republic Student Future Workforce Investigation*


## LEAD INVESTIGATION

### THE EMPLOYMENT CRISIS NOBODY IS DISCUSSING

For decades, education and employment followed a predictable path. Study. Graduate. Find a job. Build a career.

That model is rapidly breaking down.

Employers increasingly report difficulty finding job-ready talent despite millions of graduates entering the workforce every year.

At the same time, graduates frequently report difficulty finding meaningful employment despite holding degrees.

The issue is no longer access to education.

The issue is alignment between education and future workforce realities.

This mismatch may become one of India's biggest educational challenges during the next decade.

## REPUBLIC STUDENT ANALYSIS

### WHY DEGREES ALONE ARE LOSING VALUE

A degree remains important. However, degrees alone no longer guarantee employability.

Employers increasingly evaluate:

- Communication
- Problem-solving
- Adaptability
- Digital literacy
- Team collaboration
- Critical thinking

Many of these skills are not measured through traditional examinations. As a result, students who perform well academically may still struggle in professional environments.

## THE FUTURE SKILLS INDEX

### TEN SKILLS EVERY STUDENT SHOULD DEVELOP BEFORE 2035


The future will reward those who combine knowledge with skills, values and responsibility.

## WORKFORCE 2035

### JOBS GROWING FASTER THAN TRADITIONAL EXPECTATIONS


Students entering school today may eventually work in sectors that barely exist in mainstream awareness today.

## INDIA'S SKILL GAP

### WHAT EMPLOYERS SAY IS MISSING

| WHAT EMPLOYERS FIND | WHERE THE GAPS EXIST |
|---|---|
| ✓ Technical knowledge available | ✗ Communication gaps |
| | ✗ Practical exposure gaps |
| | ✗ Professional behavior gaps |
| | ✗ Critical thinking gaps |
| | ✗ Workplace readiness gaps |

The challenge is not intelligence. The challenge is preparation.

## THE BIG QUESTION

### Are Schools Preparing Students For Jobs That Already Exist Or Jobs That Will Exist?

MOST CURRICULA ARE DESIGNED AROUND PRESENT REALITIES.

FUTURE SUCCESS REQUIRES PREPARATION FOR EMERGING REALITIES.

This is where education systems must evolve.

## REPUBLIC STUDENT INSIGHT

> The future will reward learners, not merely graduates.

## POLICY RECOMMENDATION

### EVERY SCHOOL SHOULD INTRODUCE A FUTURE SKILLS FRAMEWORK

**ACADEMIC COMPETENCE**
Strong foundation in core subjects.

**DIGITAL COMPETENCE**
Ability to use, evaluate and create with technology.

**FINANCIAL COMPETENCE**
Understanding money, risk, and decision-making.

**CIVIC COMPETENCE**
Understanding rights, responsibilities and society.

**CAREER COMPETENCE**
Awareness, exploration and employability skills.

Only then can education truly become future-ready.

## PAGE 09 CONCLUSION

### THE FUTURE BELONGS TO THOSE WHO CAN LEARN, UNLEARN AND RELEARN.

Schools that teach only information may become obsolete.
Schools that teach adaptation will remain relevant.

# INDIA'S INNOVATION DEFICIT

*Why Universities Must Become Knowledge Creators, Not Degree Factories*

A Republic Student Research Investigation


LEAD INVESTIGATION

## The Missing Link In India's Education Story

India has one of the largest education systems in the world.

Millions of students. Thousands of colleges. Hundreds of universities.

Yet a critical question remains: How much original knowledge is being created?

**Educational success is often measured through:**

- Enrollment
- Graduation
- Placements
- Rankings

**Far less attention is given to:**

- Research output
- Innovation capacity
- Patent generation
- Knowledge creation

The future will increasingly depend on countries capable of producing ideas, not merely consuming them.

REPUBLIC STUDENT ANALYSIS

## The Difference Between Teaching And Research

**TEACHING** transfers knowledge.

**RESEARCH** creates knowledge.

A university becomes globally influential when it performs both functions effectively.

**World-leading institutions invest heavily in:**

- Laboratories
- Research grants
- Industry collaboration
- Scientific inquiry
- Intellectual property creation

Without research ecosystems, universities risk becoming examination centers rather than innovation hubs.

THE RESEARCH GAP

## Why Many Institutions Struggle

**FUNDING CONSTRAINTS**
Research requires long-term investment.

**PUBLICATION PRESSURE**
Quantity often receives more attention than quality.

**INDUSTRY DISCONNECT**
Research frequently remains disconnected from real-world problems.

**INFRASTRUCTURE GAPS**
Many institutions lack advanced laboratories and equipment.

**INNOVATION CULTURE**
Students are rarely encouraged to experiment, fail and build.

INNOVATION INDEX

## Five Indicators Of A Future University


A future university excels across all five indicators.

THE START-UP UNIVERSITY MODEL

## What Future Campuses Will Look Like

Tomorrow's universities will operate differently.

- Research projects
- Incubators
- Innovation labs
- Industry internships
- Community problem-solving

Learning will become more applied.
Knowledge will become more practical.

INDIA'S OPPORTUNITY

## The Demographic Advantage

India possesses one of the world's largest youth populations.

If properly supported through research and innovation ecosystems, this demographic strength could become a global advantage.

However, demographic size alone does not guarantee success.
The quality of opportunity matters more than quantity.

POLICY RECOMMENDATIONS

## Five Reforms For Higher Education

1. Increase research funding transparency.
2. Reward quality over publication volume.
3. Expand university-industry collaboration.
4. Create innovation labs in every state university.
5. Encourage undergraduate research participation.

THE BIG QUESTION

## Can India Become A Global Knowledge Power?

**India has already become:**

- A technology power
- A services power
- A talent exporter

**The next challenge is becoming:**

- A research power
- An innovation power
- A knowledge power

The answer depends largely on what happens inside universities during the next decade.

REPUBLIC STUDENT INSIGHT

> "Nations become wealthy when they stop importing ideas and start exporting them."

CASE STUDY

## From Degree Economy To Innovation Economy

The world's strongest economies increasingly compete through:

Knowledge | Technology | Research | Intellectual Property

India's next educational transformation must focus on these areas.

FINAL THOUGHT

Universities should not merely produce graduates.
They should produce discoveries.

They should not merely award degrees.

They should expand human knowledge.

That is the difference between education and transformation.

# GLOBAL EDUCATION INTELLIGENCE

## *What India Can Learn From The World's Best Education Systems*

**A Republic Student Comparative Study**

## LEAD INVESTIGATION

### Why Some Education Systems Consistently Outperform Others

Every nation wants high-performing schools.
Every government wants better learning outcomes.
Every parent wants quality education.
Yet educational outcomes vary dramatically across countries.

**Some systems consistently produce:**

- Strong literacy
- Better numeracy
- Higher research output
- Greater innovation
- Better employability

**The difference is rarely money alone.**
The difference is how education is designed.

Great education systems are built on vision, consistency and trust.

## GLOBAL LESSON 1

### FINLAND
**Trust Before Testing**

- Highly trained teachers
- Reduced testing pressure
- Student wellbeing
- Professional autonomy

The Finnish lesson is simple: Strong teachers create strong systems.

## GLOBAL LESSON 2

### SINGAPORE
**Excellence Through Consistency**

- Teacher quality
- Curriculum discipline
- Continuous improvement
- Skills-based learning

Transformation requires long-term commitment, not short-term reforms.

## GLOBAL LESSON 3

### SOUTH KOREA
**The Power Of Educational Culture**

- High achievement levels
- Strong academic culture
- Competitive universities

Success without wellbeing creates new problems. Balance is essential.

## GLOBAL LESSON 4

### GERMANY
**Respecting Vocational Education**

- Classroom learning
- Apprenticeships
- Industry participation
- Respect for all pathways

Every learner deserves multiple pathways to meaningful success.

## GLOBAL LESSON 5

### ESTONIA
**Digital Transformation Done Right**

- Digital infrastructure
- Technology integration
- Teacher training
- Innovation culture

Technology succeeds when it supports learning rather than replacing it.

## REPUBLIC STUDENT COMPARISON

### What India Already Does Well

- Massive educational reach
- Large higher education ecosystem
- Growing digital platforms
- Expanding female participation
- Strong STEM talent pipeline

India possesses significant educational assets.
The challenge is maximizing them.

## WHAT INDIA CAN ADOPT

### Five Global Lessons

1. Invest in teacher prestige.
2. Reduce excessive examination dependency.
3. Expand vocational pathways.
4. Strengthen research ecosystems.
5. Improve school-to-work transitions.

## THE BIG QUESTION

### Should India Copy Other Countries?

The answer is no.

Educational systems are shaped by culture, demographics and economics.

India should not copy.
India should **adapt**.

The objective is not becoming Finland or Singapore.
The objective is becoming the best version of India.

## GLOBAL EDUCATION SCORECARD

### What Future Systems Require

- High Teacher Quality
- Strong Research Culture
- Technology Integration
- Student Wellbeing
- Career Readiness
- Civic Responsibility
- Adaptability

These characteristics appear repeatedly across successful systems.

## REPUBLIC STUDENT INSIGHT

> The world's best education systems do not produce only successful students. They produce capable societies.

## POLICY OBSERVATION

### The Indian Advantage

Unlike many countries, India possesses:

- Scale
- Diversity
- Demographic Strength
- Entrepreneurial Culture
- Technological Capability

If effectively aligned with educational reform, these advantages could become transformational.

## FINAL THOUGHT

- The future of education will not be decided by imitation.
- It will be decided by intelligent adaptation.
- The strongest systems learn from the world while remaining true to their own realities.

That should be India's approach.

# THE REPUBLIC STUDENT DECLARATION

*Education Is Not Preparation For Life.*
*Education Is Life.*

The Closing Chapter

## EDITOR'S LETTER

### Why Republic Student Exists

By Mohammed Ismail
Chief Editor, Republic Student

Republic Student was not created merely to report educational news.
It was created because education deserves deeper journalism.

Every day, newspapers report politics.
They report markets. They report elections.
They report crime.

Yet education, the foundation upon which every society is built, often receives fragmented attention.

We believe education deserves serious investigation.
Serious analysis. Serious accountability.
And serious optimism.

This report is our contribution to that mission.

## THE REPUBLIC STUDENT PRINCIPLES

### What We Believe

1 **EDUCATION IS A NATIONAL PRIORITY**
No nation rises above the quality of its education system.

2 **EVERY CHILD MATTERS**
Educational reform must reach villages, towns and cities equally.

3 **TEACHERS MATTER MOST**
Buildings can support learning.
Teachers create learning.

4 **PARENTS ARE PARTNERS**
Education succesds when families and institutions work together.

5 **STUDENTS MUST BE HEARD**
Educational systems exist for learners. Their voices matter.

6 **TECHNOLOGY MUST REMAIN HUMAN-CENTERED**
Innovation should strengthen human potential rather than replace it.

7 **CITIZENSHIP MATTERS**
Schools should develop responsible citizens, not merely examination performers.

## THE INDIA WE ENVISION

### A Republic Student Vision For 2040

We envision an India where:

- Every child has access to quality education.
- Every teacher receives professional respect.
- Every school is future-ready.
- Every student develops practical life skills.
- Every university contributes to innovation.
- Every educational policy is measured by student outcomes.
- Every citizen understands the value of lifelong learning.

## THE EDUCATION PYRAMID

### The Seven Pillars Of A Strong Nation

7 **Citizenship & Ethics**
Building responsible citizens and ethical leaders.

6 **Research & Innovation**
Creating knowledge and solving real-world problems.

5 **Higher Education**
Developing expertise and expanding horizons.

4 **Parent Participation**
Engaged families create strong learning environments.

3 **Teacher Development**
Skilled, motivated teachers transform classrooms.

2 **School Education**
Quality schools build foundational competencies.

1 **Early Childhood Learning**
Strong beginnings create strong futures.

Together these pillars create national strength.

## THE BIG QUESTION

### What Kind Of Nation Do We Want To Build?

Every educational decision ultimately answers this question.

Because schools shape citizens.

Citizens shape societies.

Societies shape nations.

Education therefore shapes the future.

The future we build begins with the education we choose today.

## REPUBLIC STUDENT COMMITMENT

### What Readers Can Expect

- Independent analysis
- Education intelligence
- Policy observation
- Student-centered reporting
- Data-driven journalism
- Long-form investigations
- Future-focused thinking

## CLOSING DECLARATION

| TO STUDENTS | TO PARENTS | TO TEACHERS | TO POLICYMAKERS | TO SOCIETY |
|---|---|---|---|---|
| Remain curious. | Remain involved. | Remain inspiring. | Remain accountable. | Remain committed to education. |

## REPUBLIC STUDENT MANIFESTO

LEARN DEEPLY. | THINK CRITICALLY. | ACT RESPONSIBLY. | BUILD COURAGEOUSLY.

> "The future of India is not hidden in government files, economic forecasts or political speeches. It is sitting today inside a classroom."
> — Republic Student

## POLICY OBSERVATION

### The Indian Advantage

Unlike many countries, India possesses unique strengths.

Scale | Diversity | Demographic Strength | Entrepreneurial Culture | Technological Capability

If effectively aligned with educational reform, these advantages could become transformational.

## FINAL SIGN-OFF

REPUBLIC STUDENT
INDIA'S EDUCATION INTELLIGENCE PLATFORM

RSIR #001 | June 20, 2026

## FINAL THOUGHT

The future of education will not be decided by imitation. It will be decided by intelligent adaptation.

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**That should be India's approach.**