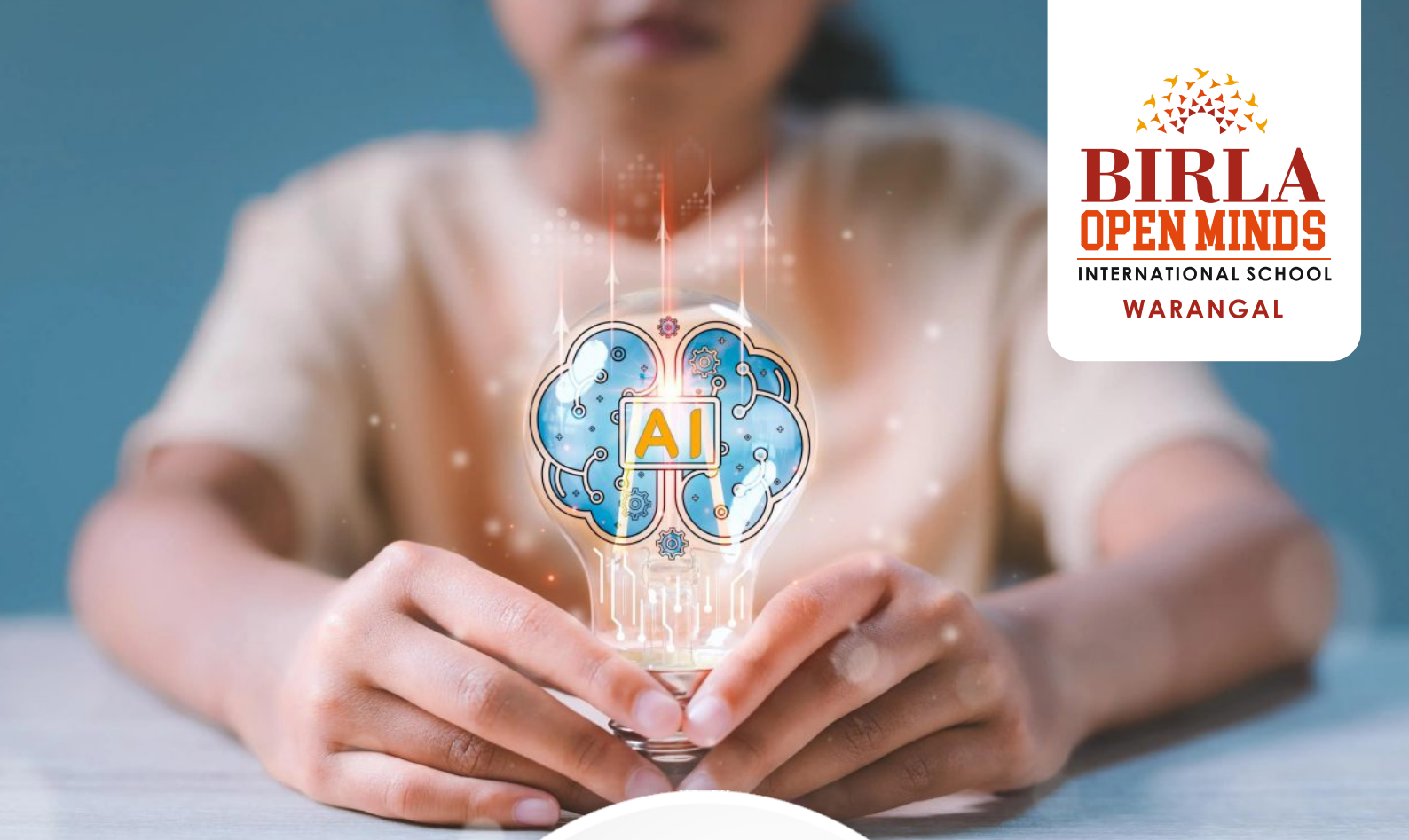
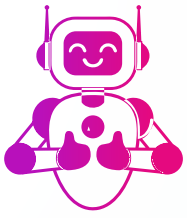
BIRLA OPEN MINDS
INTERNATIONAL SCHOOL
WARANGAL



FAIR

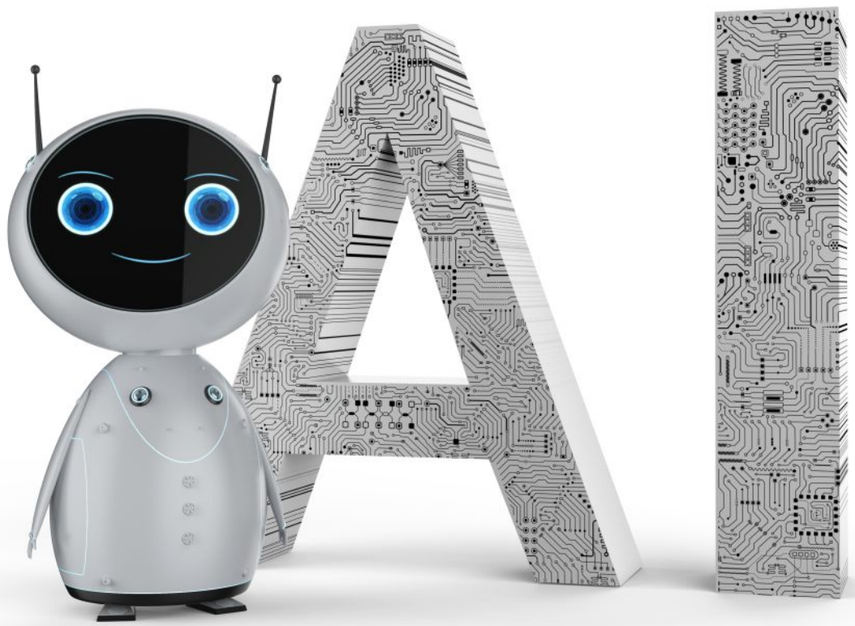
Futuristic AI Readiness

Rule the future



Making the AI genie dance to our tune

The FAIR program at BOMIS Warangal enables its students to rise and overcome the challenges posed by the AI-driven world of the future



There's no escaping AI.
Let's face it!
And learn to tame it!

1 What is AI and how do we tune ourselves to it?

Artificial Intelligence (AI) is more than just algorithms; it is the new baseline for human potential. To tune ourselves to this revolution, we must shift our mindset from "competing with machines" to "collaborating with them." In the "Intelligence Age," our ability to adapt is our greatest asset. Just as we learned to drive cars to move faster, we must now learn to drive AI to think faster.

In India:
We see this transformation every day. From UPI transactions that use AI to detect fraud in milliseconds to farmers in rural India using AI-powered apps to scan crops for disease, the technology is ubiquitous.

The "AI for All" Vision:
The Government of India and NITI Aayog have championed "AI for All," positioning India not just as the back-office of the world (IT Hub) but as a global innovation center (AI Hub).

Shaping Ourselves for Jobs:
As AI automates routine tasks, the job market rewards those who can ask the right questions. We must shape ourselves into lifelong learners. In a digitizing India and a connected world, securing a career means mastering the art of leveraging AI for speed while retaining the uniquely human traits of creativity, empathy, and ethics.

STRATEGIC ADAPTATION:

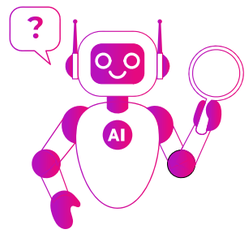
Students: Should use AI not as a shortcut for homework, but as a 24/7 personalized tutor. The goal is to move from rote learning to critical thinking, using tools to deepen understanding rather than bypass effort.

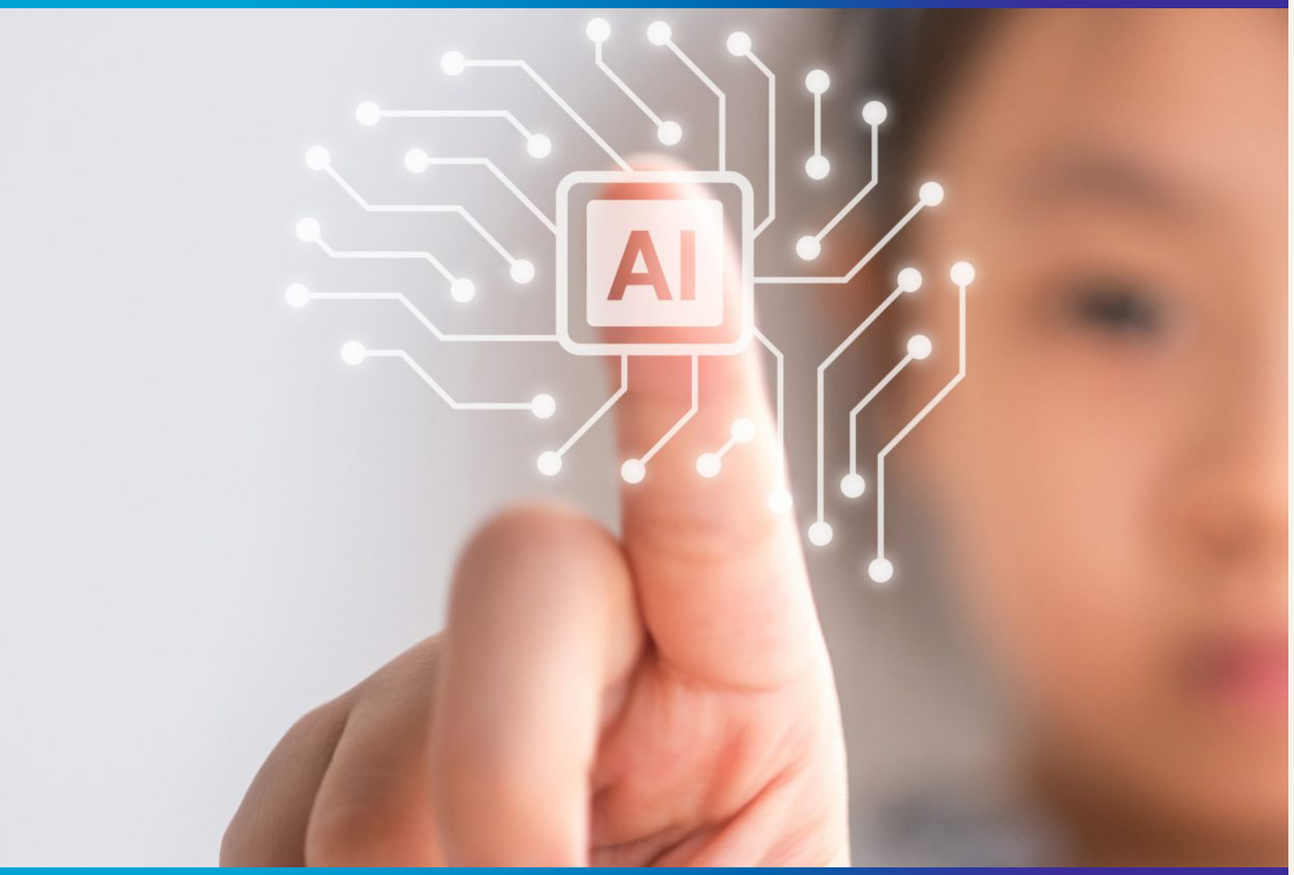
Schools: Must position themselves as "Incubators of Agility." The focus shifts from merely covering the syllabus to building resilience and tech-fluency, ensuring kids are ready for jobs that don't yet exist.

Sectoral Impact: In healthcare, AI will predict ailments, but doctors must master the interpretation. In banking, AI will secure UPI transactions, but humans must build the trust. Success lies in harmonizing tech efficiency with human judgment.

Why this matters for BOMIS (W) Parents:

For a student in Warangal today, the competition is no longer just with a student in Hyderabad or Bangalore, but with students in Silicon Valley and Shanghai. The world they will inherit will operate on "Intelligence," and fluency in AI will be as fundamental as reading and writing.





Face up or Give up:

The Hobson's choice in the age of AI

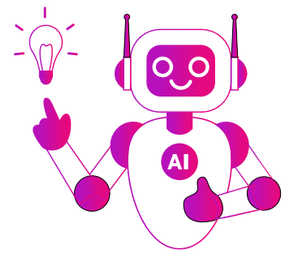
2 The Shift in Careers: Challenges & Student Preparation

The Challenge:
AI is redefining the professional landscape. Routine, repetitive, and purely data-driven tasks are increasingly being automated.

The End of Rote Learning:
In the Indian job market, roles that rely solely on rote memorization (the traditional "bhatti" method) or basic processing are disappearing.

Job Market Impact:
Reports suggest that by 2030, millions of jobs in sectors like manufacturing, retail, and even routine IT coding will be impacted by AI. The "secure" jobs of the past - data - entry, basic banking processing, and Level-1 IT support - are being taken over by algorithms.

The "Safe" Zone:
However, jobs requiring complex decision-making, empathy, and creative strategy are growing. The demand is shifting from "doers" to "thinkers."



How Students Should Prepare:
To thrive, students must transition from being "knowledge consumers" to "knowledge navigators". The goal is not to compete with AI, but to collaborate with it.

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Mastering AI Literacy:
Students must learn how to prompt, guide, and verify AI outputs. It is not enough to know that AI exists; they must know how to command it. This is akin to learning a new global language.

Developing Human-Centric Skills: We must focus on creativity, empathy, strategic thinking, and complex problem-solving - skills AI cannot easily replicate. In an Indian context, this means moving beyond "scoring marks" to "solving problems."

Ethical Usage: Students must learn to use AI tools responsibly as productivity multipliers rather than shortcuts for homework. Understanding data privacy and bias is now a crucial life skill.

The disappearance and emergence of careers:

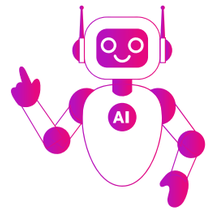
AI as a cutting-edge tool for radical upskilling

3 Preparing for the Future of Careers

BIRLA OPEN MINDS INTERNATIONAL SCHOOL WARANGAL

Our Vision:

At BOMIS (W), we recognize that the jobs of tomorrow may not even exist today. A child joining Grade 1 today will graduate college in the late 2030s. We cannot predict the exact job titles they will hold, but we know the skills they will need. Therefore, we do not just teach students what to learn, but how to learn continuously.



Adaptability is Key:

Our educational framework ensures that a BOMIS (W) student is adept at adapting to change.

Alignment with NEP 2020: The National Education Policy (NEP) 2020 emphasizes moving away from content-heavy curricula to skill-based learning. Our vision is perfectly aligned with this national goal.

Pivot-Ready Skills: By integrating technology with resilience training, we prepare our students to pivot across various professions. Whether they become doctors, artists, engineers, or entrepreneurs, they will possess the agility to adopt new tools and workflows instantly.

The "Knowledge Navigator":

We are grooming students who don't just memorize the textbook but can navigate the ocean of information available to them, verify it, and apply it to real-world Indian challenges.

FAIR
Futuristic AI Readiness

Rule the future

@BOMIS-W:
A fool-proof approach to future-proof life & careers

4 Structured AI Integration at BOMIS (W) – THE FAIR PROGRAM

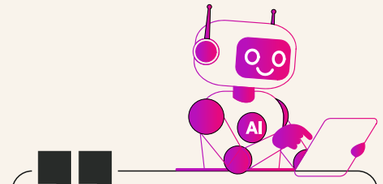
Why FAIR?

BOMIS (W) is not just adding technology to the classroom as a gimmick; we are integrating AI into the curriculum in a structured, pedagogical way to enhance life skills. We call this our FAIR Advantage: Future-ready AI Readiness.

The 5-Point Approach:

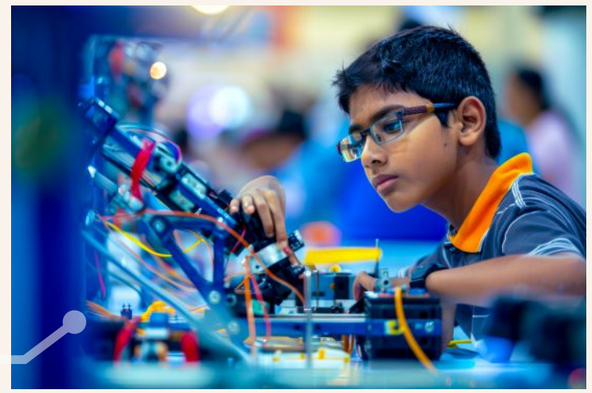
We have broken this down into 5 practical modules that ensure every aspect of your child's growth - academic, creative, and emotional - is supported by the latest advancements in AI.

- **Module 1:** Student-Centric Personalized Teaching
- **Module 2:** Self-Directed Learning with Conversational AI
- **Module 3:** Personalized Evaluation & Assessment
- **Module 4:** Excellence in Co-Curricular Activities
- **Module 5:** Inclusive Support (SEN & Slow Learners)



Empowering Students with Life Skills for an AI-Driven World

Holistic Integration:
Unlike other schools that might have a separate "Computer Lab" hour, our AI integration happens inside the Math class, the English class, and the Science lab. It is woven into the DNA of our education.



MODULE 1

Student-Centric Personalized Teaching

"The AI-Empowered Teacher: restoring the Guru-Shishya Connection"

Deep Dive into the Concept

modern Indian education system, the greatest challenge is the "Factory Model" ucation. Teachers are often overwhelmed with administrative duties—correcting eds of notebooks, managing attendance, and preparing standard lesson plans. eaves little time for what truly matters: mentorship.

MIS (W), we use AI to flip this dynamic. We view AI not as a replacement for ers, but as a powerful exoskeleton that gives them "superpowers." By offloading petitive tasks to AI, we free up our teachers to return to their true role: being a who guides, motivates, and understands the emotional and academic needs of child.

The Indian Context: Breaking the "One Size Fits All" Mold

In a typical classroom, a teacher explains a concept like "Photosynthesis" in one way. 60% of the class understands, 20% are bored because they already knew it, and 20% are lost.

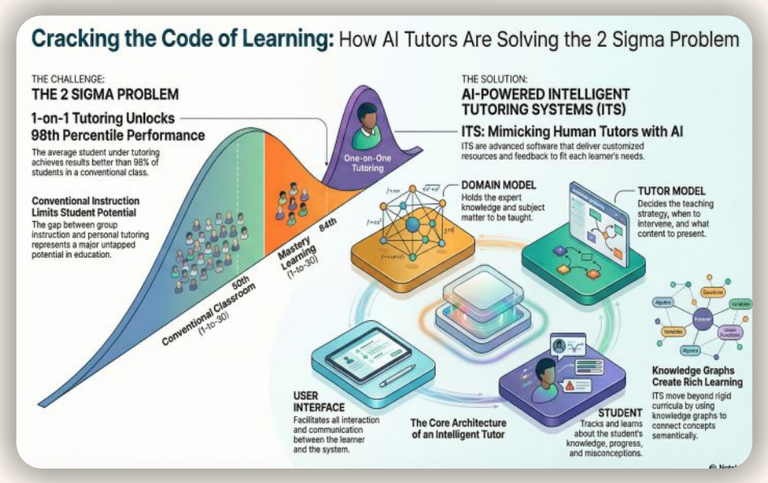
- The BOMIS Difference: Our AI tools analyze real-time feedback. If a teacher sees that 20% of the class didn't grasp the concept, the AI instantly suggests an alternative way to explain it—perhaps using a cricket analogy for a physics concept or a local festival example for a math problem.
- Customized Lesson Plans: Instead of a generic lesson plan, our teachers generate resources that cater to visual learners (videos/diagrams), auditory learners (podcasts/discussions), and kinesthetic learners (activities) simultaneously.

Use Case: The "History Storyteller"

- Scenario: A Grade 6 History class is learning about the Chola Empire.
- Traditional Method: Reading dates and names from a textbook.
- BOMIS (W) Method: The teacher uses AI to generate a script for a "Roleplay Session" based on the lesson. The AI assigns roles to students based on their reading strengths. The class acts out the governance of the Chola village assemblies. The teacher facilitates, while the AI suggests discussion points to connect Chola governance to modern Indian democracy.

Day-to-Day Implementation at BOMIS (W)

- Pre-Class Prep: Before walking into the class, the teacher reviews an AI dashb that highlights which students struggled with yesterday's homework.
- In-Class Assistance: While teaching, if a student asks a complex question, the teacher can use an AI tool to instantly bring up a 3D model or a simulation on smart board to visualize the answer.
- Post-Class Grading: AI tools assist in grading objective assignments instantly, allowing the teacher to spend their evening planning creative activities rather than just ticking boxes.



A Note to Parents:

You might worry, "Will a machine teach my child?" The answer is an emp
A machine will support the teacher who teaches your child. We are usin
technology to make our school more human, not less. We are ensuring t
child is known by their name and their needs, not just their roll number.

MODULE 2

Self-Directed Learning with Conversational AI

“ The 24/7 Tutor: Solving the 'Tuition Trap ”

Deep Dive into the Concept

Sigma Problem" in education states that students who receive 1-on-1 tutoring
m 98% better than those in a standard classroom. However, providing a human tutor
ery child is impossible—until now.

e 2 introduces Conversational AI Tutors—intelligent systems that mimic the
ction of a human tutor. Unlike a search engine that just gives a list of links, these AI
engage in a dialogue4. They ask: "Why do you think that answer is correct?"
oting the student to think critically.

The Indian Context: Escaping the Tuition Cycle

In India, the "Tuition Culture" is intense. Children spend 6-7 hours at school and then another 3 hours at coaching centers, leaving no time for play or rest. This is often because parents feel unable to help with advanced curriculum subjects.

The BOMIS Solution: Our AI Tutor is the "Tuition Teacher" at home, but without the commute and the extra fees. It is available at 6 AM or 10 PM, whenever the student is ready to learn.

Board Exam Prep (CBSE/ICSE): Indian Board exams value how you write an answer. Our AI tools are trained to evaluate descriptive answers, checking for keywords, flow, and structure, which is critical for scoring high marks in 10th and 12th boards.

Use Case: The "Debate Partner”

Scenario: A student is preparing for an English Literature exam and needs to analyze the character of 'Portia' from The Merchant of Venice.

BOMIS (W) Method: The student enters a "Conversation Mode" with the AI. The AI adopts the persona of a literary critic and debates the student. The student must defend their points with quotes from the text. This "Active Recall" method ensures the material sticks in their long-term memory far better than just re-reading notes.

Day-to-Day Implementation at BOMIS (W)

Homework Assist: When a student opens their digital homework assignment, the AI Tutor present in the sidebar. It will never give the answer. If the student asks, "What is the ans to Q3?", the AI replies, "Let's break it down. What formula do you think applies here?"

Test Prep Mode: Before a unit test, students can ask the AI, "Generate a 10-mark quiz on 'Linear Equations' with a difficulty level of 'Hard'." The AI generates fresh questions insta

A Note to Parents:

We understand the fear of "screen time." However, this is Active Screen T (learning/creating), not Passive Screen Time (scrolling/watching). Furth all AI interactions are logged and monitored to ensure safety. We are tur device from a distraction into a disciplined learning tool.

MODULE 3

Personalized Evaluation & Assessment

“ Micro-Diagnostics: Catching Gaps Before They Widen ”

Deep Dive into the Concept

tional assessment is "Autopsy Learning"—you find out what went wrong only after the is over, when it's too late to fix it.

le 3 shifts to Continuous Real-Time Diagnostics. We use AI to track the "Learning ity" of the student. It's like a fitness tracker but for the brain. It doesn't just measure they got wrong; it analyzes the pattern of errors to diagnose the root cause.

The Indian Context: Moving Beyond "Ratta" (Rote)

In many schools, a student can memorize answers and score 90%, yet fail to understand the concept. Later, when preparing for competitive exams like JEE, NEET, or CLAT, this conceptual hollowness causes failure.

- Concept vs. Calculation: Our AI distinguishes between a "Conceptual Error" (didn't understand the physics) and a "Procedural Error" (calculation mistake). This distinction is vital for Indian competitive exams where negative marking exists.
- Personalized Remedial Path: If a student is weak in "Trigonometry," the system doesn't just say "Work Harder." It assigns a specific "Micro-Lesson" on the sub-topic "Sin/Cos Ratios" to fix that specific brick in the wall.

Use Case: The "Hidden Gap" Detection

Scenario: A student consistently scores average marks in Physics.

AI Analysis: The AI detects that the student understands the Physics laws perfectly but consistently fails in questions involving Graph interpretations.

Action: The problem isn't Physics; it's a specific Math skill (Graphs). The system assigns a 15-minute specialized module on "Reading Graphs." Once this block is removed, the student's Physics scores shoot up.

A Note to Parents:

This ends the cycle of "surprise shocks" at the Parent-Teacher Meeting (PTM). You w be partners in your child's progress, receiving actionable insights, not just complai We move from "Your child is weak in Math" to "Your child needs practice in fractions and here is the plan to fix it.".

MODULE 4

Excellence in Co-Curricular Activities

“Future Skills: Grooming Leaders, Not Just Followers”

Deep Dive into the Concept

AI era, technical skills (coding, calculation) will be the first to be automated. The that will remain premium are Human Skills: Communication, Creativity, Critical ng, and Collaboration.

e 4 uses AI to accelerate the learning curve of these soft skills. We use Generative AI elps students overcome the fear of the blank page.

The Indian Context: Creating "All-Rounders"

Indian parents often worry that focusing on co-curriculars will hurt academic grades. At BOMIS (W), we show that they reinforce each other.

- Public Speaking: Indian students often struggle with stage fear and English fluency. AI tools provide a private, judgment-free space to practice speeches.
- The Startup Mindset: We encourage entrepreneurship. Students use AI to draft business plans, design logos, and simulate market research for their school projects.

Use Case: The "Global Leader" Simulation

- Scenario: A Grade 9 student is practicing for a leadership role or Student Council speech.
- BOMIS (W) Method: The student records their speech. The AI analyzes it for tone, pace, and persuasive language. It points out, "You spoke too fast in the second paragraph," or "Try using a stronger opening hook." The student iterates and improves 5 times in 20 minutes—a process that would take days with a human coach.

Day-to-Day Implementation at BOMIS (W)

- The Writers' Workshop: Students write a story. They then use AI to generate an imag that illustrates their story. This visual reward motivates them to write more descri and vivid sentences.
- Music & Art Integration: Students who "can't draw" can use AI art tools to visualize ideas, learning about composition and color theory in the process.

A Note to Parents:

We are not raising robots; we are raising the masters of robots. By using handle the "drudgery" of organizing and formatting, your child spends th energy on the high-value work: Ideation and Strategy. These are the CEO Innovators of tomorrow.

MODULE 5

Inclusive Support (SEN & Slow Learners)

“ Universal Design: Leveling the Playing Field ”

Deep Dive into the Concept

ion is at the heart of the BOMIS (W) philosophy. We believe that there are no "bad nts," only rigid systems that fail to adapt.

e 5 utilizes Assistive AI technology. For students with learning difficulties (Dyslexia, or those who are simply "slow bloomers," AI acts as a patient, non-judgmental bridge curriculum15.

The Indian Context: Creating "All-Rounders"

In many Indian schools, students who learn slowly are relegated to the "back bench" or forced into "remedial classes" that carry a social stigma.

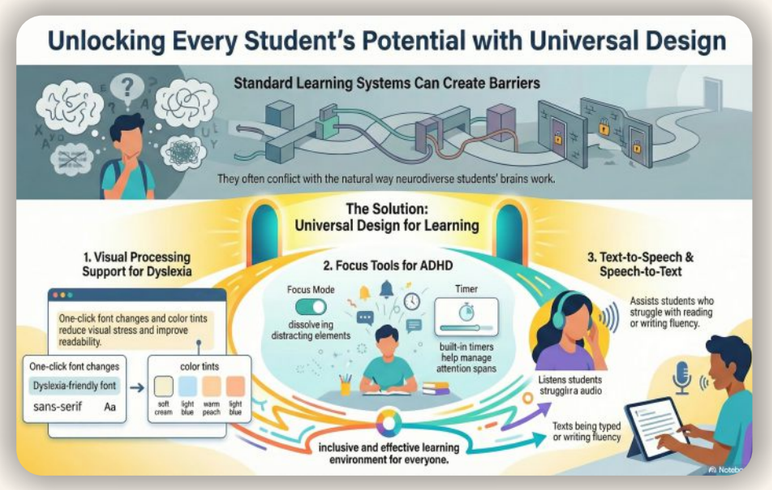
- Invisible Assistance: With our AI tools, the support is personal and discreet on their device. A student needing text-to-speech support looks exactly like a student doing advanced research. There is no social singling out.
- Mother Tongue Bridge: For students coming from non-English speaking backgrounds, sudden immersion in an English-medium curriculum can be terrifying. AI translation tools allow them to grasp the concept in their native language first, then transition to English terms, preserving their confidence.

Use Case: The "Infinite Patience" Tutor

- Scenario: A student is struggling with the concept of "LCM and HCF" in Math. They have asked the teacher twice but still don't get it and are too shy to ask a third time.
- BOMIS (W) Method: The student turns to the AI Tutor. They ask the same question 10 times. The AI explains it 10 different ways—using numbers, then using blocks, then using a story about distributing chocolates. The AI never gets frustrated, never sighs, and never judges. The student learns at their own pace and eventually masters the concept.

Day-to-Day Implementation at BOMIS (W)

- Focus Tools: For students with ADHD, the AI interface simplifies the screen, removin distractions ("Focus Mode"). It breaks down large assignments into tiny, manageabl checklists to prevent overwhelm.
- Reading Assist: For dyslexic students, the text on the screen is automatically reformatted (OpenDyslexic font) with wider spacing to make reading easier.



A Note to Parents:

If your child struggles with learning, you know the pain of seeing them l confidence. This module is designed to restore that confidence. We ensu your child's true intelligence shines through, unhindered by the traditio barriers of reading speed or attention span. Every child has a champion system.

Rule the future

Behind Ganapathy Engineering College, Hunter Road Bypass, Warangal