

**VIDYADHIRAJA VIDYABHAVAN HIGHER SECONDARY SCHOOL, ALUVA**

***ACADEMIC MASTER PLAN***  
**2025-2026**

## PROFILE

Name of School	<b>VIDYADHIRAJA VIDYABHAVAN HIGHER SECONDARY SCHOOL,ALUVA</b>
Date of establishment	1976
Name of Municipality	ALUVA
Name of cluster	ALUVA
Name of Block	VAZHAKKULAM
Name of BRC	ALUVA
Name of District	ERNAKULAM
Name of Sub District	ALUVA
Name of Principal with Mob: Number	GOPI R, 9446089424
Name of Vice Principal with Mob: Number	PARVATHY T G, 9562413109
Email ID	<a href="mailto:vvbhss07171aluva@gmail.com">vvbhss07171aluva@gmail.com</a>
School Code No	25002
Name of Taluk	ALUVA
School Manager	A V PRASAD

## **School Development Goals**

1. Ensure quality education for students in every class, linked to each subject.
2. Identify each student's abilities and provide appropriate opportunities for their development.
3. Create an excellent learning environment and provide necessary physical infrastructure for students.
4. Provide various training programs for teachers to conduct subject-related quality activities.
5. Ensure the necessary infrastructure and academic preparedness for ICT-based learning.
6. Guarantee the use of ICT facilities in all classrooms.
7. Provide adequate physical facilities for co-curricular activities.
8. Create opportunities conducive to creative teaching and learning.
9. Identify students with low learning interest and design suitable classes and teaching strategies for them.
10. Improve the physical environment to implement the concept that "The school itself is a textbook."
11. Provide scientific laboratories required for all students to support scientific learning.
12. Make use of dynamic and engaging teaching strategies such as study tours, learning camps, workshops, expert classes, seminars, and projects.
13. Foster interest in agriculture among the new generation.
14. Keep students away from drug use and make them aware of its harmful effects.
15. Achieve the goal of a plastic-free school.
16. Protect and enhance biodiversity gardens and medicinal gardens.
17. Give special consideration to educationally backward groups and bring them into the mainstream.
18. Provide suitable opportunities for skill-based and vocational education.

## ACADEMIC MASTER PLAN– MALAYALAM

പ്രധാനപ്രാഥ	പരീക്ഷാര പ്രവർത്തനങ്ങൾ	കാലയളവ്	എം‌ജർ‌സി
ഭോഷാപരമായ ശ്രേഷ്ഠിയില്ലായ	<ul style="list-style-type: none"> <li>• ജൂൺ തുംബുവാരം കുട്ടികളുടെ7 അംഗീസ്ഥാനക്ഷമതാ പരിശോധന നടത്തുന്നു.</li> <li>• തുറർന്നുള്ള പാദങ്ങളിൽ തുറർച്ചായ പരിശോധനയും കുക്ഷണവും നടത്തുന്നു.</li> <li>• സ്കാഫ് പരിശീലനം, പുർവ്വ വിദ്യാർത്ഥികളിൽ നിന്നുള്ള സഹായം</li> </ul>	2025	MA LAY ALA M CLU B
വായനാപരമായ ബോർക്കല്പം	<ul style="list-style-type: none"> <li>• മലയാളം കൂല്ലു പഠന പരിശോധന നടത്തുന്നു. ഒഴിവും പരസ്യങ്ങളിൽ കുക്ഷിതാക്കാർക്കും കുട്ടികൾക്കും സംയുക്ത പഠന കൊണ്ടുകൂടി.</li> </ul>	തുറർച്ചയായി	MA LAY ALA M CLU B
സാഹിത്യപരമായ പരിചയക്കുറവ്	<ul style="list-style-type: none"> <li>• “ചാലാതിക്കുട്ടം” വഴി വ്യത്യസ്ത സാഹിത്യതലങ്ങൾ പരിചയക്കെടുത്തുന്നു.</li> <li>• കുട്ടികളുടെ സൃജ്ഞികൾ സാഹിത്യ ചുമരിൽ പ്രദർശിപ്പിക്കുന്നു.</li> </ul>	2025-26	MA LAY ALA M CLU B
കലാരൂപങ്ങളുടെ അനീയാർ അപസ്ഥിക്കുവാൻ	<ul style="list-style-type: none"> <li>• വിവിധ കലാകാരനാടക പാഠഭാഗങ്ങൾക്കുസാരിച്ച് പരിചയക്കെടുത്തുന്നു. കുട്ടികൾ, കുക്ഷിതാക്കാർ, അധ്യാപകരും പരിശോധന പഠനാടകം, ഓല്ലംബലാ.</li> </ul>	2025-26	PTA, TEA CHE RS
ഭോഷാപരമായ	വായനാമുലങ്ങൾ സജീവകരിക്കിന്നു	2025-26	MA LAY

വൈകിടക്കണം പ്രവർത്തനങ്ങളി ടെപ് കുറവ്	- വിവിധ തലത്തിനുസരിച്ചുള്ള പുസ്തകങ്ങൾ, മാസികകൾ. വൈകിടക്കവരിക്കലുകൾ, ശ്രോലി പത്രങ്ങൾ (വർക്ക്കഷീറ്റുകൾ) വഴി ഭാഷാ പരിശീലനം.		ALA M CLU B
ഭാഷാ പഠനം ആകർഷകമല്ല	ഭാഷാശേഷി വികസിപ്പിക്കാൻ ഭാഷാലാഭ സ്ഥാപിക്കുന്നു.	2025-26	PTA, ALU MNI
സാഹിത്യാഭരംഭ വളർത്താൻ അവസരക്കുറവ്	<ul style="list-style-type: none"> <li>• പ്രസ്തുതാഭരംഭ സ്ഥാപിക്കുന്നതിൽ സാഹിത്യകാരന്മാരുടെ ഉൾഭേദങ്ങളുടെ സാഹിത്യ കുടുംബം.</li> <li>• കുടുംബക്കൾ തങ്ങളുടെ സാഹിത്യപത്രിക പ്രകാശിപ്പിക്കാൻ സ്ഥാപിക്കുന്നതിൽ ആകാരവാണി പരിപാടികൾ.</li> <li>• വൈലാബറി ക്ഗാംബിൽ സേന്റ്യൂറ്റിൽ മികച്ച ആസ്ഥാന കുറിപ്പുകൾ ടെരരെംടുത്ത് ശേഖാസാഹിപ്പിക്കുന്നു.</li> </ul>		ALU MNI ,PTA

#### ACADEMIC MASTER PLAN- ENGLISH

PROBLEMS	REMEDIAL MEASURES	TIME	AGE NCY
Ineffective teaching	<ul style="list-style-type: none"> <li>• Target language classes for teachers</li> <li>• Workshop by language experts</li> <li>• TLM workshop for teachers</li> </ul>	2025	CLUB

Defective pronunciation	<ul style="list-style-type: none"> <li>• Audio-video clippings on correct pronunciation</li> <li>• Phonetics classes by experts</li> <li>• Language lab</li> <li>• ICT facilities</li> </ul>	2025-26	CLUB
Lack of communication skills	<ul style="list-style-type: none"> <li>• Story dramatisation</li> <li>• Debates &amp; seminars</li> <li>• English fest</li> <li>• English club</li> <li>• English assembly</li> <li>• Translation skill training</li> </ul>	2025-26	CLUB MA NAG EME NT
Slow pace learners	<ul style="list-style-type: none"> <li>• Special coaching</li> <li>• Action research</li> </ul>	2025-26	ENG LIS H TEA CHE RS
Insufficient vocabulary	<ul style="list-style-type: none"> <li>• Word games</li> <li>• Computer-based word study</li> <li>• Spelling contests</li> <li>• Crosswords</li> <li>• Dictionary-making from</li> </ul>	2025-26	TEA CHE RS AND STU

	textbook words		DEN TS
Defective sentence pattern	<ul style="list-style-type: none"> <li>• Sentence card preparation &amp; use</li> <li>• ICT-based conversation practice</li> <li>• English magazine &amp; bulletin</li> <li>• Blog writing</li> <li>• English learning equipment</li> </ul>	2025-26	HM AND TEA CHERS
Illegible handwriting	<ul style="list-style-type: none"> <li>• ICT-based writing</li> <li>• Peer learning</li> <li>• English diary writing</li> </ul>	2025-26	TEA CHERS AND STUDENTS

### ACADEMIC MASTER PLAN- HINDI

PROBLEMS	REMEDIAL MEASURES	TIME	AGE NC Y
Lack of basic skills in Hindi among all students	<ul style="list-style-type: none"> <li>• Reading card system</li> <li>• Celebration of Hindi Day</li> <li>• Hindi assembly</li> <li>• Hindi news reading</li> </ul>	2025-26	CLUB
Poor exposure to Hindi environment and writing	<ul style="list-style-type: none"> <li>• Create picture album of Hindi writers</li> </ul>	2025-26	TEACHERS AND STUDENTS
No access to formal Hindi learning	<ul style="list-style-type: none"> <li>• Conduct Sugama Hindi exam in Class 7</li> <li>• Provide Hindi learning</li> </ul>	2025-26	TEACHERS AND STUDENTS

Lack of vocabulary and IT knowledge	<ul style="list-style-type: none"> <li>Word card making competition (Class 5)</li> <li>Word formation competitions</li> <li>Alphabet games</li> <li>Worksheets for Class 6 &amp; 7</li> <li>IT-based learning access</li> </ul>	2025-26	CLUB
Lack of interest in Hindi language	<ul style="list-style-type: none"> <li>Screen Hindi cartoons, stories, and films</li> </ul>	2025-26	CLUB
Lack of Hindi environment in school	<ul style="list-style-type: none"> <li>Interaction with Hindi language experts</li> <li>Ensure service of guest teachers</li> </ul>	2025-26	PTA, HIN DI
Difficulty in student performance in Hindi	<ul style="list-style-type: none"> <li>Weekend Hindi classes</li> <li>Monthly remedial Hindi coaching under learning support scheme</li> </ul>	2025-26	PTA
No access to proper classes for talented students	<ul style="list-style-type: none"> <li>Conduct special Hindi coaching for talented students</li> </ul>	2025-26	PAR ENT ,PTA

### ACADEMIC MASTER PLAN– BASIC SCIENCE

PROBLEMS	REMEDIAL MEASURES	TIME	AG EN CY
Ensure all students achieve the expected	<ul style="list-style-type: none"> <li>Prepare worksheets covering all units</li> <li>Develop tools and unit tests for continuous evaluation</li> </ul>	2025-26	TE AC HE RS

learning outcomes	<ul style="list-style-type: none"> <li>• Prepare TLM (Teaching Learning Materials)</li> </ul>		
All students should reach standard levels in science process skills	<ul style="list-style-type: none"> <li>• Equip school science lab</li> <li>• Resource preparation</li> <li>• Science lab/corner in every class</li> <li>• Create pedagogic park with experiments</li> <li>• Science magic shows weekly</li> <li>• Supply science kit</li> </ul>	2025-26	MA NA GE ME NT, PT A
Lack of opportunities for science creativity	<ul style="list-style-type: none"> <li>• Set up school science library</li> <li>• Invite expert-led sessions</li> <li>• Organize science drama and competitions</li> <li>• Equip modern lab</li> <li>• Prepare ICT materials and digital TLM</li> </ul>	2025-26	SCI EN CE CL UB, PT A
Less use of learned knowledge in real life	<ul style="list-style-type: none"> <li>• Organize field trips linked to science lessons</li> <li>• Conduct “Science Evenings” in local markets</li> <li>• Astronomy observation sessions</li> <li>• Include murals based on textbook concepts</li> </ul>	2025-26	PT A,S CIE NC E CL UB
Decrease in scientific curiosity among students	<p>Setup digital live classes</p> <ul style="list-style-type: none"> <li>• Develop mobile applications</li> <li>• Arrange wall murals and mini-planetarium</li> <li>• Create outdoor science park and open experiments</li> <li>• Install “Wonder Walls” in each class</li> </ul>	2025-26	SCI EN CE CL UB, PT A, AL UM NI

# ACADEMIC MASTER PLAN– SOCIAL SCIENCE

PROBLEMS	REMEDIAL MEASURES	TIME	
Adopt democracy as a way of life. Foster civic awareness and a sense of values.	Awareness class, street play	2025-26	CLUB
Promote observation and experimentation in Social Science	Encourage students to develop observation and experimental skills related to social science topics.	2025-26	SOCIAL SCIEN CE CLUB
Nurture secularism and tolerance	Foster secularism and tolerance through active engagement and help students grow through value-based activities. Help them become familiar with social reformers.	2025-26	SOCIAL WORKERS
Develop map reading skills	Foster map reading skills among children with the goal	2025-26	CLUB

	of learning location identification and interpretation.		
General knowledge enhancement	Develop general knowledge that helps students reach higher academic standards.	2025-26	ALU MNI

Awareness of diverse landforms and natural features	Provide understanding about different soil types, water bodies, winds, oceans, and mountains.	2025-26	ALU MNI	
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### ACADEMIC MASTER PLAN– MATHS

PROBLEMS	REMEDIAL MEASURES	TIME	AGE NCY	
Lack of child-friendly learning materials, no Maths lab	Establishment of Maths Lab (Class level & general)	2025-26	PTA, STA FFS	
Lack of quality maths books	Collection of Maths books, setting up a good Maths Library	2025-26		
Maths learning is not engaging or attractive	Maths Bulletin Board, Maths Club		MAT HS CLU B	
Many students unable to grasp complete mathematical concepts	Maths Worksheets, GeoGebra exploration	2025-26	MAT HS CLU B	
Students can't create or appreciate maths literature	Wall magazine, Maths magazine, Maths exhibitions, creative writing sessions	2025-26	MAT HS CLU B	
Lack of opportunities to	Math games, chess, puzzles, origami, math seminars, talent	2025-26	MAT HS	
explore local math games, origami, songs, etc.	quizzes, etc.		CLU B	
Talented students in maths are not identified or nurtured	Maths Talent Search, Math Camps, Video Classes, Little Mathematician Program	2025-26	MAT HS SRG	

Lack of awareness in modern digital math resources and own expression in writing	Puzzle Corner	2025-26	MAT HS CLU B
No familiarity with contemporary maths literature	Stories, Chess Camp	2025-26	

#### ACADEMIC MASTER PLAN–HEALTH&PHYSICAL EDUCATION

PROBLEMS	REMEDIAL MEASURES	TIME	AGE NCY
Lack of motivation among students	Health awareness classes	2025-26	
No opportunity to understand students' health condition	Conduct medical check-ups	2025-26	HEA LTH CLU B
No awareness about seasonal diseases	Conduct awareness classes	2025-26	
Lack of practical learning opportunities	Appoint regular trainers or use local resource persons	2025-26	PTA
Lack of practical experience trainers	Appoint short-term trainers under leadership of PTA	2025-26	
Difficulty identifying student talents in arts and sports	Provide regular training to identify and nurture students' skills	2025-26	
Lack of raw materials	Collect locally available resources and set up a work experience lab	2025-26	

Lack of production of school-based products	Organize product-making workshops using available materials	2025-26	
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### ACADEMIC MASTER PLAN—WORK EDUCATION

PROBLEMS	REMEDIAL MEASURES	TIME	AGE NCY	
Lack of practical training for students	Appoint permanent trainers for practical activities. Utilize available local artists. Collect information on skilled individuals in practical work areas and form a dedicated resource group.	2025-26	CLUB	
Lack of short-term trainers for practical sessions	Appoint temporary trainers under the leadership of PTA	2025-26		
Difficulty in identifying student interests in arts and sports	Provide continuous training sessions to help recognize and nurture student talents.	2025-26	PTA	
Lack of raw/unprocessed materials for activities	Collect locally available materials and establish a work experience lab.	2025-26	W.E. CLUB	
No opportunity for production of school-based	Organize workshops for production of useful items (e.g. bags, soaps, paper crafts,	2025-26	PTA, ALU MNI	
items etc.)				
Lack of platforms for product marketing	Conduct product marketing fairs under PTA leadership.	2025-26	PTA, ALU MNI	

Lack of opportunity to present or market finished products (like baskets, scrapbooks, bags, soap, etc.)	Arrange marketing exhibitions and student bazaars.		PTA, ALU MINI
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#### ACADEMIC MASTER PLAN-ART EDUCATION

PROBLEMS	REMEDIAL MEASURES	TIME	AGENCY
Not enough time allotted for art education	Organize camps for students during holidays.  Identify interested students and provide them with special training.	FROM 2025	CLUB
Lack of trained teachers in art education	Bring in trained teachers for art education programs.	2025-26	PTA
Lack of essential art equipment	Set up an <b>art gallery</b> in the school.	2025	CLUB
Lack of awareness about various art forms	Conduct exhibitions and awareness sessions on different traditional and contemporary art forms.		CLUB
Limited scope to develop	Organize <b>weekly literature clubs</b> and <b>drama workshops</b> .		CLUB

#### ACADEMIC MASTER PLAN- IT

PROBLEMS	REMEDIAL MEASURES	TIME	AGENCY
Lack of ICT access for students and teachers	Ensure ICT accessibility for all students and teachers through infrastructure and training.	2025-26	ALU MINI
No access to educational videos at school	Enable access to educational YouTube videos and content.		MANAGEMEN T

Low communication among parents and teachers	Start class-level WhatsApp groups		IT CLUB	
Delay in using ICT tools among teachers	Organize ICT awareness and training sessions for teachers.		IT TEACHERS	
Limited exposure for student creativity	Start <b>Student Blog</b> to publish students' literary and creative works.		IT CLUB	
Lack of digital reading	Collect and organize maximum number of e-books to set up an		IT CLUB	
environment	<b>e-Library.</b>			
Poor understanding of modern technological advancements	Provide all students with school domain email IDs.  Conduct <b>video editing</b> and <b>short film making</b> workshops. IT Club  <b>Cyber Awareness Classes.</b>		IT CLUB	