



ACADEMIC MASTER PLAN

CRYSTAL CLEAR

**VIMALA HRIDAYA ENG. MED. HIGH SCHOOL,
CLAPPANA**

2025-26

PROFILE

Name of School	VIMALA HRIDAYA ENG. MED. H S, CLAPPANA
Date of establishment	1995
Name of village	CLAPPANA
Name of cluster	KARUNAGAPALLY
Name of Panchayat:	CLAPPANA
Name of Block	OACHIRA
Name of BRC	KARUNAGAPALLY
Name of District	KOLLAM
Name of Sub District	KARUNAGAPALLY
Name of HM with Mob. No.:	SR. ROSA DELEMA T E, 9847735496
Name of Senior Assistant with mob. no.	LEKHA S,9447383454
Email ID	vimala.s.015@gmail.com
School Code No.	41258
Name of Taluk	KARUNAGAPALLY
School Manager with mobile no.	MOTHER GENERAL, 9446835430

PREFACE

Vimala Hridaya Eng. Med. High School, Clappana is committed to nurturing a generation of empowered learners through a comprehensive and inclusive academic plan. Rooted in the values of excellence, discipline, and compassion, the school has long been a beacon of quality education in the region. Our academic plan is designed to align with the National Education Policy and the Kerala State Curriculum Framework.

This plan aims to cater to the holistic development of every student. We recognize the diverse learning needs of our students and aim to create equitable opportunities for all. The academic plan emphasizes student-centered pedagogy and participative learning environments. Special focus is given to foundational literacy and numeracy in lower classes. Technology integration and digital literacy are key components of our strategy. Teachers are empowered through regular professional development and training sessions.

Community participation and parental involvement are encouraged in the learning process. The academic plan supports critical thinking, creativity, and collaborative learning. Subject-wise goals are clearly defined to ensure a structured approach. Assessment practices are being reformed to include both formative and summative components. Remedial instruction is provided for students requiring additional support. The plan seeks to strengthen learning outcomes through measurable academic indicators. Social-emotional learning and mental well-being of students are integrated into classroom practices. Language development, especially in English, Malayalam, and Hindi, is a priority. Mathematical reasoning and problem-solving are emphasized across all levels. Science and environmental awareness are cultivated through hands-on learning. Arts, sports, and cultural education form an essential part of the curriculum.

The school also promotes civic awareness, gender sensitivity, and moral values. Vocational skills and life skills training are gradually introduced from the upper primary level. Inclusive education is ensured for children with special needs and learning difficulties. The academic plan fosters a safe and stimulating environment for inquiry and exploration.

A collaborative spirit among teachers, students, and stakeholders drives innovation. Continuous review and reflection will help refine our strategies over time. Our vision is to make Vimala Hridaya Eng. Med. High School, Clappana a model institution of 21st-century education. This academic plan is not merely a document but a roadmap toward excellence and transformation. Together, we commit to building a brighter and more inclusive future for our learners.

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 then 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 text book."
11. Provide scientific laboratories required for all students to support scientific learning.
12. Make use of dynamic and engaging teachings strategies such as study tours, learning camps, workshops, expert classes, seminars, and projects.
13. Foster interesting 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.

19. Establish guidance and counseling services for students.
20. Engage in maximum activities to connect the school with the community.
21. Integrate locally available resources and facilities with learning activities.
22. Strengthen the library to encourage reading among students.
23. Implement appropriate methods for waste management within the school.
24. Organize physical activities that ensure the physical fitness of students.
25. Implement the concept of a “Talent Lab” in the school.

TEACHERS & INCHARGE

TEACHER'SNAME	SUBJECT	INCHARGE
SR. ROSA DELEMA T E	HM	HEADMISTRESS
LALI. S	I	HEALTH CLUB
BEENA A C	II	SITC
ARYA S	III	SAFETY CLUB
RAJI AUGUSTINE	IV	SOCIAL SCIENCE CLUB
SREEVIDYA S	V	MALAYALAM CLUB
VAHEEDA R	VI	SOCIAL SCIENCE CLUB
CLARA CARDOZ M	VII	MALAYALAM CLUB
ROPHINA M	VIII	SCIENCE CLUB
SEEMA S	IX	PTA
SMITHA S	X	MATHEMATICS CLUB
RAJI S	LKG	
SUNITHA S	UKG	
LEKHA S	CHEMSTRY	SENIOR ASSISTANT
RAJESH KUMAR P	HINDI	HINDI CLUB
ANANDA KRISHNAN K U	PHYSICS	SCIENCE CLUB
CHERYL RODRIGUES	HINDI	HINDI CLUB
RINCY TYTES	IT	SITC
LINCY L	MALAYALAM	
RAJENDRAN N	PT	

CURRENT PHYSICAL INFRASTRUCTURE

SECTION	EXISTING
CLASS ROOMS	36
BOY'S TOILET & URINALS	29
GIRL'S TOILET & URINALS	42
WELL	0
COMPOUND WALL	YES
LIBRARY	1
PLAY GROUND	2
RAMP	YES
COMPUTER LAB	1
SMART ROOM	1
READING ROOM	1
SCHOOL BUS	4
SCIENCE LAB	1
COMPUTERS	7
PROJECTORS	1

PROBLEMS, CHALLENGES

1. Academic Challenges

1. It is not possible to ensure the expected learning levels for all students.
2. There is a lack of a consistent curriculum for students of varying learning levels.
3. Around 10% of students are not able to receive basic education.
4. It is difficult to ensure a proper standard of education.
5. The abilities of each student are not being identified and nurtured effectively.
6. Students progressing to the next grade are unable to achieve the expected learning outcomes in subjects like Malayalam, English, Hindi, and Mathematics.
7. The available learning resources are not being utilized to their full potential.
8. The entire learning process cannot be made fully scientific or comprehensive.
9. The functioning of the class library is not effective.
10. There is a lack of scientific methods to provide necessary life guidance or counseling to students.
11. It is not possible to implement club activities in connection with academic learning.
12. It is difficult to ensure the participation of all students in arts and cultural activities.

2. Social Challenges

1. Parents and community workers lack the necessary awareness to effectively address the issues faced by children with disabilities.
2. There is inadequate understanding of the legal protections available for ensuring quality education and life for differently-abled individuals.
3. It is difficult to ensure active community participation in fulfilling the academic and physical needs of the school and resolving related issues.
4. The school is unable to access local resources or gain the support of available talents in the community.

5. Parents and students lack the proper perspective and appreciation for arts and cultural activities.
6. The cooperation of talented individuals from the community is not effectively utilized to coordinate arts, sports, and cultural programs.

ACADEMIC MASTER PLAN-ENGLISH

PROBLEMS	REMEDIAL MEASURES	TIME	FINANCE	AGENCY
Ineffective teaching	<ul style="list-style-type: none"> • Target language classes for teachers • Workshop by language experts • TLM workshop for teachers 	2025		TEACHERS
Defective pronunciation	<ul style="list-style-type: none"> • Audio-video clippings on correct pronunciation • Phonetics classes by experts • Language lab • ICT facilities 	2025-26		TEACHERS
Lack of communication skills	<ul style="list-style-type: none"> • Story dramatization • Debates & seminars • English fest • Theatre workshop • English club • English assembly • Translation skill training 	2025-26		ENGLISH TEACHERS.
Slow pace learners	<ul style="list-style-type: none"> • TLM support • Special coaching • Action research 	2025-26		ENGLISH TEACHERS
Gifted children support	<ul style="list-style-type: none"> • Special coaching using language experts • English library • Book exhibition • Creative writing classes • Children's magazines • Digital library 	2025-26		PTA TEACHERS
Insufficient vocabulary	<ul style="list-style-type: none"> • Word games • Computer-based word study • Spelling contests • Crosswords • Dictionary-making from 	2025-26		TEACHERS AND STUDENTS

	textbook words			DEN TS
Defective sentencepattern	<ul style="list-style-type: none"> • Sentence card preparation & use • ICT-based conversation practice • English magazine & bulletin • English learning equipment 	2025-26		HM AND TEA CHE RS
Illegible handwriting	<ul style="list-style-type: none"> • ICT-based writing • Peer learning • English diary writing 	2025-26		TEA CHE RS AND STU DEN TS

ACADEMIC MASTER PLAN- MALAYALAM

പ്രശ്നങ്ങൾ	പരിഹാര പ്രവർത്തനങ്ങൾ	കാലയളവ്	സാമ്പത്തികം
ഭാഷാപരമായ ശേഷിയില്ലായ്മ	<ul style="list-style-type: none"> • ജൂൺ ആദ്യവാരം കുട്ടികളുടെ അടിസ്ഥാനക്ഷമതാ പരിശോധന നടത്തുന്നു. • തുടർന്നുള്ള പാദങ്ങളിൽ തുടർച്ചയായ പരിശോധനയും ശിക്ഷണവും നടത്തുന്നു. • സ്റ്റാഫ് പരിശീലനം, പൂർവ്വികവിദ്യാർത്ഥികളിൽ നിന്നുള്ള സഹായം 	2025	
വായനാപരമായ വൈകല്യം	<ul style="list-style-type: none"> • മലയാളം ക്ലബ്ബ് പഠന പരിശോധന നടത്തുന്നു. ഒഴിവുദിവസങ്ങളിൽ രക്ഷിതാക്കൾക്കും കുട്ടികൾക്കും സംയുക്ത പഠന ക്ലാസുകൾ. 	തുടർച്ചയായി	
സാഹിത്യപരമായ പരിചയക്കുറവ്	<ul style="list-style-type: none"> • “ചങ്ങാതിക്കൂട്ടം” വഴി വ്യത്യസ്ത സാഹിത്യതലങ്ങൾ പരിചയപ്പെടുത്തുന്നു. • കുട്ടികളുടെ സൃഷ്ടികൾ സാഹിത്യ ചുമരിൽ പ്രദർശിപ്പിക്കുന്നു. 	2025-26	
കലാരൂപങ്ങളെ അറിയാൻ അവസരക്കുറവ്	<ul style="list-style-type: none"> • വിവിധ കലാകാരന്മാരെ പാഠഭാഗങ്ങൾക്കനുസരിച്ച് പരിചയപ്പെടുത്തുന്നു. കുട്ടികൾ, രക്ഷിതാക്കൾ, അധ്യാപകർ എന്നിവർ പങ്കെടുക്കുന്ന പാവനാടകം, ശില്പശാല. 	2025-26	
ഭാഷാപരമായ	വായനാമൂലങ്ങൾ സജ്ജീകരിക്കുന്നു	2025-26	

കൈക്കൊണ്ട പ്രവർത്തനങ്ങളിലെ കുറവ്	<ul style="list-style-type: none"> വിവിധ തലത്തിനനുസരിച്ചുള്ള പുസ്തകങ്ങൾ, മാസികകൾ. കൈകവരിക്കലുകൾ, ജോലി പത്രങ്ങൾ (വർക്ക്ഷീറ്റുകൾ) വഴി ഭാഷാ പരിശീലനം. 		
ഭാഷാ പഠനം ആകർഷകമല്ല	<ul style="list-style-type: none"> ഭാഷാശേഷി വികസിപ്പിക്കാൻ ഭാഷാലാബ് സ്ഥാപിക്കുന്നു. 	2025-26	
സാഹിത്യഭിരുചി വളർത്താൻ അവസരക്കുറവ്	<ul style="list-style-type: none"> പ്രശസ്ത കലാകാരന്മാരെ സ്കൂൾതല ക്യാമ്പിലേക്ക് ക്ഷണിക്കുന്നു. പ്രശസ്ത സാഹിത്യകാരന്മാരെ ഉൾപ്പെടുത്തി സാഹിത്യ കൂട്ടായ്മ. ലൈബ്രറി കൗൺസിൽ നേതൃത്വത്തിൽ മികച്ച ആസ്വാദന കുറിപ്പുകൾ തെരഞ്ഞെടുത്ത് പ്രോത്സാഹിപ്പിക്കുന്നു. 		

ACADEMIC MASTER PLAN – HINDI

PROBLEMS	REMEDIAL MEASURES	TIME	FINANCE	AGENCY
Lack of basic skills in Hindi among all students	<ul style="list-style-type: none"> • Establish Hindi library • Reading card system • Celebration of Hindi Day • Hindi assembly • Hindi news reading 	1 YEAR		SCHOOL FUND
Poor exposure to Hindi environment and writing	<ul style="list-style-type: none"> • Create picture album of Hindi writers • Formation of drama group 	6 MONTHS		SCHOOL FUND
Neglect towards Hindi language	State-level educational trip in Hindi <ul style="list-style-type: none"> • Hindi camps • Hindi fest 			SCHOOL FUND
No access to formal Hindi learning from	<ul style="list-style-type: none"> • Conduct Sugama Hindi exam in Classes 5-10. • Provide Hindi learning 	INTERVALS		SCHOOL FUND

lower classes	opportunity from Class1			
Lack of vocabulary and IT knowledge	<ul style="list-style-type: none"> • Word card making competition(Class5) • Word formation competitions • Alphabet games • Worksheets for Class 6&7 • IT-based learning access 	AUGUST,SEPTEMBER		SCHOOL FUND SSA
Lack of interest in Hindi language	<ul style="list-style-type: none"> • Screen Hindi cartoons, stories, and films 			
Lack of Hindi environment in school	Interaction with Hindi language experts <ul style="list-style-type: none"> • Ensure service of guest teachers 	INTERVALS		SCHOOL FUND
Difficulty in student performance in Hindi	<ul style="list-style-type: none"> • Weekend Hindi classes • Monthly remedial Hindi coaching under learning support scheme 	WEEKLY		SCHOOL FUND

No access to proper classes for talented students	• Conduct special Hindi coaching for talented students	MONTHLY		SCHOOL FUND
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ACADEMICMASTERPLAN–BASIC SCIENC

PROBLEMS	REMEDIALMEASURES	TIME	FINANCE	AG EN CY
Ensure all students achieve the expected	<ul style="list-style-type: none"> • Prepare worksheets covering all units • Develop tools and unit tests for continuous evaluation 	2025 JUNE		SCHOOL FUND

learning outcomes	<ul style="list-style-type: none"> • Prepare TLM (Teaching Learning Materials) 			
All students Should reach Standard levels in science Process skills	<ul style="list-style-type: none"> • Equip school science lab • Resource preparation • Science lab/corner in every class • Create pedagogic park with experiments • Science magic shows weekly • Supply science kit 	2025 JUNE		SCHOOL FUND
Lack of opportunities for science creativity	<ul style="list-style-type: none"> • Setup school science library • Invite expert-led sessions • Organize science drama and competitions • Equip modern lab • Prepare ICT material and Digital TLM 	2025-26		SCHOOL FUND
Less use of learned Knowledge in Real life	<ul style="list-style-type: none"> • Organize field trips linked to science lessons • Conduct “Science Evenings” In local markets • Astronomy observation sessions • Include murals based on textbook concepts 	EVERY YEAR		SCHOOL FUND
Decrease in scientific curiosity Among students	Set up digital live classes <ul style="list-style-type: none"> • Develop mobile applications • Arrange wall murals and mini-planetarium • Create outdoor science park and open experiments • Install “Wonder Walls” in each class 	2025-26		SCHOOL FUND
Lack of scientific learning Environment in schools	<ul style="list-style-type: none"> • Setup TINKERING LAB 			SCHOOL FUND

ACADEMICMASTERPLAN–SOCIALSCIENCE

PROBLEMS	REMEDIAL MEASURES	TIME	FINANCE	AGENCY
Develop historical awareness among learners. Shape the future based on historical understanding.	<p>Forests and Hills: Fieldtrips are organized to historically significant places.</p> <p>Field Sparrows: Special learning trips are organized with tailored modules focusing on students who lack foundational knowledge in Social science.</p>			SCHOOL FUND SCHOOL FUND
Adopt democracy as a way of life. Foster civic awareness and a sense of values.	Awareness class, street play	2 months		SCHOOL FUND
Promote observation and experimentation in Social Science	Encourage students to develop observation and experimental skills related to social science topics.	2025		SCHOOL FUND
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.	1 YEAR		SCHOOL FUND
Develop map reading skills	Foster map reading skills among children with the goal	1 YEAR		SCHOOL FUN

	Of learning location identification and interpretation.			D
General knowledge enhancement	Develop general knowledge that helps students reach higher academic standards.	1 YEAR		SCH OOL FUN D
Awareness of diverse landforms and natural features	Provide understanding about different soil types, water bodies, winds, oceans, and mountains.			SC HO OL FUN D

ACADEMIC MASTER PLAN – MATHEMATICS

PROBLEMS	REMEDIAL MEASURES	TIME	FINANCE	AGENCY
Lack of child-friendly learning materials, no Maths lab	Establishment of Maths Lab (Class level & general)	2025-26		SCH OOL FUN D
Lack of quality maths books	Collection of Maths books, setting up a good Maths Library	2025 JUNE TO 2027 JUNE		SCH OOL FUN D
Maths learning is not engaging or attractive	Maths Bulletin Board, Maths Club			SCH HOO L FUN D
Many students unable to grasp complete mathematical concepts	Maths Clinic, Worksheets, GeoGebra exploration, Maths Kit presentation	2025 JUNE- SEPTEMBER		SCH HOO L FUN D
Students can't create or appreciate maths literature	Wall magazine, Maths magazine, Maths exhibitions, creative writing sessions	2025 JUNE, JULY		SCH HOO L FUN D
Lack of opportunities to	Math games, chess, puzzles, origami, maths seminars, talent	2025 JUNE 2026 MARCH		SCH HOO L

				FUND
Explore local maths games, origami, songs, etc.	quizzes, etc.			SCHOOL FUND
Talented students in maths are not identified or nurtured	Maths Talent Search, Math Camps, Video Classes, Little Mathematician Program	1YEAR		SCHOOL FUND
Lack of awareness in modern digital maths resources and own Expression in writing	Puzzle Corner, Story Writing, Ubuntu installation & spread	1YEAR		MATHS CLUB
No familiarity with contemporary Maths literature	Songs, Stories, Drama Camp, Collection of Folk Knowledge, Chess Camp	2025 JUNE-AUGUST		

ACADEMIC MASTER PLAN-PTA

PROBLEMS	REMEDIAL MEASURES	TIME	FINANCE	AGENCY
Lack of involvement in both academic and non-academic activities	Collect information on skilled parents and involve them in learning activities	1YEAR		PTA
Low parent representation in MTA/PTA	Monthly general executive meetings, Awareness classes, Strengthening PTA corner, Home contact program.	1YEAR		PTA, STAFF

Less awareness of USS exams, arts & sports activities,	Include both parents and students in PTA meetings; conduct arts & cultural programs	1YEAR		STA FF,P TA
remedial classes				
Parents unaware of school activities	Provide clear direction to PTA/MTA activity committees, implement "Hello School" project, set up mobile phone communication system	1YEAR		SCH OOL MAN AGE MEN T, STA FF
Lack of consistent parent-school interaction	Plan for 5-7 parents to visit school daily,prepare annual PTA/MTA calendar	EVERY YEAR		PTA STA FF

ACADEMICMASTERPLAN–HEALTH&PHYSICALEDUCATION

PROBLEMS	REMEDIALMEASURES	TIME	FINANCE	AGE NCY
Lack of motivation among students	Health awareness classes	2025 JUNE		
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 and show CDs			
Lack of awareness on balanced diet	Kitchen garden program			
Kitchen garden program	First aid classes, availability of first aid kit			
Lack of practical learning opportunities	Appoint regular trainers or use local resource persons	2025-27		PTA

Lack of practical experience trainers	Appoint short-term trainers under leadership of PTA/SSG			
Difficulty identifying student talents in arts and sports	Provide regular training to identify and nurture students' skills			
Lack of raw materials	Collect locally available resources and setup a work experience lab			
Lack of production of school-based products	Organize product-making workshops using available materials			

ACADEMIC MASTER PLAN–WORK EDUCATION

PROBLEMS	REMEDIAL MEASURES	TIME	FINANCE	AGENCY
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.			
Lack of short-term trainers for practical sessions	Appoint temporary trainers under the leadership of PTA and SSG.			
Difficulty in identifying student interests in arts and sports	Provide continuous training sessions to help recognize and nurture student talents.			
Lack of raw/unprocessed materials for activities	Collect locally available materials and establish a work experience lab.			

No opportunity for production of school-based items	Organize workshops for production of useful items (e.g.bags, soaps, paper crafts, etc.)			
Lack of platforms for product marketing	Conduct product marketing fairs under PTA/MTA leadership. Organize student-led markets (“Kuttichantha”).			
Lack of opportunity to present or market finished products (like baskets, scrapbooks, bags, soap, etc.)	Arrange marketing exhibitions and student bazaars.			

ACADEMIC MASTER PLAN–ART EDUCATION

PROBLEMS	REMEDIAL MEASURES	TIME	FINANCE	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		VIDYARAN GAM
Lack of trained teachers in art education	Bring in trained teachers for art education programs.	2025-26		
Lack of essential art equipment	Set up an art gallery in the school.	2025		VIDYARAN GAM
Lack of awareness about various art forms	Conduct exhibitions and awareness sessions on different traditional and contemporary art forms.			VIDYARAN GAM

Limited scope to develop	Organize weekly literature clubs and drama workshops .			VIDY ARAN
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Creative talents	<p>Provide exposure to traditional art forms and techniques.</p> <p>Form film club, offer cinema appreciation and basic filmmaking training.</p>			G
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ACADEMIC MASTER PLAN-IT

PROBLEMS	REMEDIAL MEASURES	TIME	FINANCE	AGE NCY
Lack of ICT access for students and teachers	Ensure ICT accessibility for all students and teachers through infrastructure and training.	2025-26		IT CLUB
No access to educational videos at school	Enable access to educational YouTube videos and content.			”
Lack of student participation in media communication	Launch school YouTube channel for news and student content.	2025		”
Low communication among parents and teachers	Start class-level WhatsApp groups, implement "TeamMobile" communication app.			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 StudentBlog 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	E-Library.				
Poor understanding of modern technological advancements	Provide all students with school domain email IDs. Conduct video editing and short film making workshops. IT Club Cyber Awareness Classes.			IT CLUB	