

Academic Master Plan 2025-2026

***GOVERNMENT TECHNICAL
HIGH SCHOOL***

VANNAPPURAM, KALIYAR

1. VISION & MISSION

Vision:

To equip students with foundational technical skills and academic excellence for future employability, innovation, and lifelong learning.

Mission:

- To provide quality technical education integrated with general curriculum.
- To foster hands-on skills through workshops and labs
- To promote holistic development through co-curricular and extra-curricular activities.

2. Academic structure

Class	General Subjects	Technical Subjects
Std.8	Malayalam, English, Enrich your English Mathematics, Physics Chemistry, Social science and ICT	Basic engineering Drawing, Workshop Practice
Std.9	Malayalam, English, Enrich your English, Mathematics, Physics, Chemistry, Social- Science and ICT.	Engineering Drawing II, General Engineering I, Electrical Engineering, Electronics Engineering, Mechanical Engineering (Welding).
Std. 10	Malayalam, English, Mathematics, Physics, Chemistry, Social- Science and ICT.	Engineering Drawing III, General Engineering II, Electrical Engineering, Electronics Engineering, Mechanical Engineering (Welding).

3. Annual-calender Overview

Month	Major Activities
June	Reopening, Bridge course, Orientation, Regular classes, Monthly class tests World environment day, World day against Child labor, World blood donor day, Reading Day, International Yoga day, Olympics day, International day against Drug abuse and Illicit Trafficking, Little Kite activities, Club activities.
July	Regular classes, Club formations, Monthly class tests, PTA General body, Scholar support classes, Vanamahotsava dinam, World population day, National Moon day, World nature conservation day Little Kite activities, Club activities.
August	Regular classes, Independence day, First term exams, Scholar support classes, Hiroshima day, Quit India day, International Youth day, Karshaka dinam, National Sadbhavana Dinam, National sports day, Little Kite activities, Club activities
September	Onam vacation, Regular classes, PTA Meetings, Scholar support classes, Monthly test, School level Tech Fest, School Level Arts Fest, National teachers day, International literacy day, National Hindi day, National Engineer's day, International Day of Democracy, International day of peace, World tourism Day, World nature conservation day, Little Kite activities, Club activities
October	Regular classes, All Kerala technical high school science and technology fair, Scholar support classes, Monthly tests, School level sports meet, International day of Older persons , Gandhi Jayanthi, Wild life Conservation day, World postal day, World Mental health day, State sports day, World students day, Dr. APJ Abdul Kalam day, International Day for eradication of poverty, United nations day, World internet day.

November	Regular classes, Scholar support classes, All Kerala Technical school kalotsavam, Monthly tests, Industrial visit for class VII and IX, Kerala Piravi Day, C V Raman day, National Education day, Childrens day, World television day.
December	Little Kite activities, Club activities Regular classes, Scholar support classes, Second term exams, Christmas holidays, Skill expo preparation, World Aids day, International day of persons with disabilities, World Human rights day. Little Kite activities, Club activities
January	Regular classes, Scholar support classes, Monthly tests, All Kerala technical sports meet, Republic day celebration, PTA meetings, Industrial visit for class X, Pre-model exams, world Hindi day, National Youth day, National girl child day, Republic day, Martyrs day. Little Kite activities, Club activities
February	Regular classes, Scholar support classes, THSSLC Model exams, IT exam, International Mother tongue day, World scouts day , National science day. Little Kite activities, Club activities
March	Scholar support classes, Revision classes, Final exams, closing ceremony, International Women's day, World forestry day, World water day, World meteorological day.
April	Paper valuation, Mid-summer vacation.
May	Mid-summer vacation.

4. Assessment Plan

-Formative assessments : Monthly tests, Assignments, Practical

-Scholar support classes for Academic Backwardness

- Summative assessments : Terminal Exams in August, December and March.
- Internal Evaluation : 20% weightage for technical subjects via Practical and projects.
- CCE : Continuous and Comprehensive Evaluation to be followed.

5. Co-curricular-activities

- Social science club, Vimukthi club
- Eco club, JRC
- Dinacharanangal
- Science and Mathematics Clubs
- Technical Exhibitions
- National science day
- Career Guidance sessions
- Personality development classes
- Counselling classes
- Little KITES
- Sports Day, Tech Fest and Arts Fest.

6. Technical Education Plan

Workshops/ Labs:

- Electronics, Robotics, Computer lab, Auto cad 2D&3D lab
- Electrical Lab, Electrical Maintenance & Electrical wiring
- Welding, Fitting, Carpentry, Sheet metal

Project work:

- Class IX : Minor Projects.
- Class X : Group Technical Project (Inter disciplinary)

7. Teacher Development

- Monthly in-service training
- State and district level workshops
- Peer observation and feedback
- Digital teaching tool training

8. Infrastructure and Support

- Ensure fully equipped technical labs
- Smart class rooms set up
- Library upgrades with technical books
- Maintenance of safety in workshops

9. Parental & Community Involvement

- Monthly PTA meetings
- Career day with local industries
- Community service projects

10. Monitoring and Review

- Monthly review by Superintendent and Engineering Instructor
- School resource group meeting every month
- Student feedback mechanism

**“THE CONTENT OF A BOOK
HOLDS THE POWER OF
EDUCATION AND IT IS WITH THIS
POWER THAT WE CAN SHAPE
OUR FUTURE AND CHANGE
LIVES”**

-Malala Yousafzai