

# **ACADEMIC MASTER PLAN 2025**

**GOVT. TECHNICAL HIGH SCHOOL**  
**PALA, PULIYANNUR PO, KOTTAYAM**

# GOVT. TECHNICAL HIGH SCHOOL

PALA, PULIYANNUR PO, KOTTAYAM

## CENTRE of EXCELLENCE

2



Academic review 2025

# Basic details of the Institution

3

- Year of establishment - 1960
- Major milestones - **Inaugurated new block of GIFD**
  - **Amenity Centre for ladies**
  - **Inline water filter(2000 lpd)**
  - **conducted an exclusive exhibition where the indigeneous products of our own students are exhibited. Made arrangements for 28 schools within Kottayam district to visit this and thus made the students attract to this school. We were able to increase the number of new admissions likewise.**

# Basic details of the Institution

4

- **Land area** - **5.5 ACRES**
- **Built-up area** - **2280sq.mtr.**
- **Whether campus shared with other Institution. If yes, details** - **Yes, VHSE and GIFD**
- **Whether school has independent compound wall** - **NIL**
- **No. of blocks** - **5**
- **No. of classrooms** - **6+2+2**
- **Area of Class room** - **6x6 sq.m EACH**
- **No. of labs/workshops** - **2/ 10**
- **Area of Lab/w/s** - **108 sq.m/220 sq.m**
- **All class rooms are SMART CLASS ROOMS (THS)**



# Basic details of the Institution

5

## ☐ **Computer Centre.**

☐ **No. of computers in  
the computer centre - 6+11**

☐ **Auditorium - YES**

☐ **Seminar halls - YES(Air- conditioned)**

☐ **Sports facilities - YES**

☐ **Other facilities**

# Learning Resource Centre (Library)

6

## Total Number of :

|                |        |
|----------------|--------|
| ■ Book Volumes | -1 200 |
| ■ Book titles  | -400   |
|                |        |
| ■ Journals     | - NIL  |
| ■ e-books      |        |
| ■ CDs          |        |
| ■ Computers    |        |
| ■ e-resources  |        |

# Basic details of the Institution

7

## Campus Master Plan





# STUDENT INTAKE

8

- Intake & students on Roll
- (a comparative study of 3 years)

| INTAKE |         | : | 90 |
|--------|---------|---|----|
| ■      | 2023-26 | : | 44 |
| ■      | 2024-27 | : | 72 |
| ■      | 2025-28 | : | 28 |
|        |         |   |    |



# Basic details of the Institution

9

## Details of courses(THS Trade) offered

| Sl. No | THS Trade         | Year of establishment | Annual Intake | Actual Strength of students |
|--------|-------------------|-----------------------|---------------|-----------------------------|
| 1      | ELECTRONICS       | 1960                  | 15            | 17                          |
| 2      | ELECTRICAL        | 1960                  | 15            | 15                          |
| 3      | AUTOMOBILE (MTTW) | 1960                  | 15            | 20                          |
| 4      | FITTING           | 1960                  | 15            | 5                           |
| 5      | WELDING           | 1960                  | 15            | 8                           |
| 6      | TURNING           | 1960                  | 15            | 7                           |
| 7      | PRINTING          | 1960                  | 15            | -                           |

# Basic details of the Institution

10

## ➤ Staff strength

|  |  |
|--|--|
| ➤ General teaching Staff                       | - 6+1 (part time)  |
| ➤ Technical Teaching Staff                     | - 18   |
| ➤ Supporting staff                             | - 1 (Apprentice )  |
| ➤ Deficiency if any                            | - five nos. [ D-man II (1), T/I-1, T/M/(3)]                  |
| ➤ Administrative staff strength and deficiency | - 10 (including Superintendent<br>- 4 [PTS -2, watchman – 2] |

# Performance of students

## *THSLC Exam Results*

11

| 2023-2024batch                            | 2024-2025 batch                           | 2025-2026 batch      |
|---|---|----------------------|
| Pass percentage                           | Pass percentage                           | Pass percentage      |
| 100%<br><br>3 full A+<br>2 10A+<br>1 9 A+ | 100%<br><br>0 full A+<br>1 10 A+<br>2 9A+ | 100%<br><br>EXPECTED |

## Performance of students

No. of students with higher Grades and *Other achievements*

12

| Participation in National or International Conference<br>/Seminar/Technical competitions / Arts / Sports / any other<br>achievements | No.of<br>students | Remarks  |
|--|-------------------|--|
| All Kerala Technical High School<br>Arts Festival  | 17                | 2 first places<br>with A<br>Grade.<br>ABC Grades |
|  |                   |  |
|  |                   |  |
|  |                   |  |
|  |                   |  |
|  |                   |  |



# Details of remedial classes offered

13

| No. of subjects for which classes were offered    | No. of hours engaged | No. of students attended | Remarks  |
|---|----------------------|--------------------------|--|
| All subjects<br>(Scholar Support for all classes) | 115 hrs.             | 60                       | Enhanced their level of knowledge in each subject. |
| Evening special classes for 10th Std. students    | 135 hrs              |                          | Got better result (100%) in THSLC exam             |
|   |                      |                          |  |
|   |                      |                          |  |
|   |                      |                          |  |
|   |                      |                          |  |

# Scholarships and grants

14

|                                   |         |
|-----------------------------------|---------|
| □ MCM Scholarship                 | -11     |
| Nos                               |         |
| □ Lumpsum Grant &Stipend          |         |
| for SC Students                   | -25 Nos |
| □ Lumpsum Grant &Stipend          |         |
| for ST Students                   | -3 Nos  |
| □ Lumpsum Grant &Stipend          |         |
| for OEC Students                  | -21 Nos |
| □ OBC Pre metric scholarship      | -3 Nos  |
| □ Minority Pre metric scholarship | -19 Nos |

# Trainings attended by faculty and staff

15

| Sl. No | Program details        | Conducted by           | No.of participants | Remarks |
|--------|------------------------|------------------------|--------------------|---------|
| 1      | PRISM-<br>Training     | DTE-Thiruvananthapuram | 4                  | NIL.    |
| 2      | GEM Training           | SITTTR-Kalamassery     | 2                  | NIL     |
| 3      | EY English<br>Training | SITTTR-Kalamassery     | 1                  | NIL     |
| 4      |                        |                        |                    |         |
| 5      |                        |                        |                    |         |
| 6      |                        |                        |                    |         |
| 7      |                        |                        |                    |         |
|        |                        |                        |                    |         |
|        |                        |                        |                    |         |

# Teaching Learning methodologies

16

- *Student centred teaching with student participation and student activities using all possible ICT facilities like projectors, laptops, interactive presentation slides etc.*
- *Workshop practical classes under the guidance of instructors, providing the students with more ICT demonstrations.*
- *Language games, quiz programmes, debates and discussions within classrooms for the motivation of student learning.*
- *No more classrooms but interactive rooms where students enjoy freedom of expression and grow with confidence.*
- *Full exploitation of smart class facilities*



# Plan expenditure

17

| Sl. No. | Scheme/Head        | Expenditure |           |           |
|---------|--------------------|-------------|-----------|-----------|
|         |                    | 2018-2019   | 2019-2020 | 2020-2021 |
|         | M&S                | NIL         | NIL       |           |
|         | M&E                | NIL         | NIL       | NIL       |
|         | MW                 |             |           |           |
|         | 34 OC              | 1196894     | 1293985   | 1177153   |
|         | SSP                | 25065       | 5000      | NIL       |
|         | Library            | NIL         | 19998     | NIL       |
|         | Physical Education |             |           |           |
|         | Finishing School   |             |           |           |
|         | Apprenticeship     |             |           |           |
|         | NMEICT             |             |           |           |
|         | ICT                |             | 7500      |           |

# Plan expenditure

18

| Sl. No. | Scheme/Head             | Expenditure |           |           |
|---------|-------------------------|-------------|-----------|-----------|
|         |                         | 2018-2019   | 2019-2020 | 2020-2021 |
|         | Visiting faculty scheme |             |           |           |
|         | TBI                     |             |           |           |
|         | PAT                     |             |           |           |
|         | e-YANTRA                |             |           |           |
|         | Material Testing        | NA          |           |           |
|         | CDTP                    |             |           |           |
|         | MHRD                    |             |           |           |
|         | NSQF                    | NIL         | NIL       | NIL       |
|         | PPP Mode                |             |           |           |
|         | Accreditation           |             |           |           |

# Academic Master Plan

19

**A nation develops on technology and so the central Government implemented NSQF to all academic level. Technical High School Education ensures in imparting the basic level skilled manpower in the field of Technology.**

**Govt. Technical High School, Pala targets to grow into a full fledged Centre of Excellence within 5 years and to achieve this we envisage the following developments in addition to the existing infrastructure, curricular and cocurricular facilities :**

- An SPC unit. Poposal has been submitted**
- Little Kites Unit.**
- A playground for our zealous boys to play and grow.**
- A separate library building to hold our library books and furniture where our students could sit comfortably and grow through reading.**

# Academic Master Plan

20

- **A robotics lab (ABL lab) where children could carry out variety of tasks and gain a hands-on insight into the activities they do.**
- **A separate amenity building for boys and staff.**
- **For a better performance and to achieve a noticeable label we wish to constitute a committee comprising of parents, teachers, students and members of the local body. We hope that our target may be realised through the selfless service of this committee.**
- **We wish to adopt mentoring system for the students who are weak in skills and academic level as well. For this we need the help of a counselor to guide our students in the right way.**

**Thus we envisage we could offer highly qualified young engineers to our nation.**



# Infrastructure deficiencies

21

- Playground for students - SMALL
- Proposals given for ground development
- Library Building - Need large hall
- A new amenity block for boys and staff.

# Conclusion

22

***By implementation of the Master Plan, we are confident that the institution will become a leading Technical High School in all means i.e., academic, practical and skill development with modernized infrastructure. The innovative idea will attract the new generation to be a skilled and technically trained workforce for our emerging country.***

*Thank you*