



## **ASSET MANAGEMENT Module**

### **Introduction:**

We invest in our assets and then the assets earn for us. As such the importance of good management of our assets can not be over emphasized.

### **Why, What & How of Asset Management:**

We have different classes of assets:

They can be land, building, production machinery, utility equipment like DG sets, air compressors, power transformers, ETPs, pressure vessels, lifts, cranes, chain pulleys, weighing scales & bridges, test and measurement equipment, computers, computer software, ups system, air conditioning, furniture etc.

There are different angles to the Asset Management:-

- 1. Physical:** Control of their presence / availability / condition / Verification Activity
- 2. Financial:** Calculation and assessment of their Depreciation (for IT and CLB) based on Category, usage and Cost of Investment
- 3. Maintenance:** Preventive, Breakdown, Predictive (MTBF, MTTR, Stocks of Spares, Cost of maintenance)
- 4. Safety:** Frequent checks to ensure deterioration in condition that can lead to accidents / mishaps.
- 5.** Calibration and MSA studies for Test & Measuring Equipment
- 6.** Process Capability studies for Machine Performance check.
- 7. Legal:** Need for frequent verification /Registrations /Licenses. Ensuring Legal Compliance including Software on Computers.
- 8. Capacity Assessment & Capacity Utilization:** OEE, Productivity, Idle Time, Down Time Monitoring (To improve output by clearing bottle necks / constraints).
- 9.** Insurance & AMC (When and whom to contact)
- 10.**Warranty and Service Agreements (Contacts with external Service providers/Engineers)
- 11.Control on Cost and Availability of Consumables & Spares.**
- 12.**Considering **Human Resources as an ASSET** is another story.



The Asset Management Module can work as a stand alone module wherein the points in S.Nos 1 ,2 and 9 above can be covered.

However when used in tandem with other modules like Finance, TPM, PLM, Manufacturing, QA(LAB) it can cover all the above points.

**The Asset Management Module of G.A.P OSM, offers 3 work areas:**

1. Reporting

1.1 View List of Assets

1.1.1 Location Wise, Category Wise Summary and Detail

1.1.2 Category Wise, Location Wise Summary and Detail

1.1.3 Display Depreciation history of individual Asset

1.1.4 Print bar coded labels for individual asset(s)

2. User Functions

2.1 Add a New Asset / Edit / or Capitalize an Asset

2.1 Dispose an Asset (remove from list by filling in the mode of disposal)

2.1 Calculate the Depreciation for the year (for both IT and CLB)

3. Supervisor Options

3.1 Configure Asset Categories and rates of Depreciation (for both IT and CLB)

3.2 Configure Locations / Departments / Sections

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Linkages with other modules:

1. Finance: Whenever a Journal Voucher is made for Capital Equipment or

2. PLM (Product Life Management) : Whenever a new Machine is added thru PLM or

3. TPM (Total Productive Management) :Whenever a new Machine or Computer is added thru TPM or

4. QA/LAB ( Quality Assurance / Laboratory):Whenever a new Measuring Instrument or Testing Equipment thru QA/LAB..

..G.A.P OSM adds the equipment to the Asset Register by allotting it a new Asset code. It gets all the relevant information thru an input screen from the user.