

OGUN

ORION Product

OGUN

Steel Manufacturing ERP System

Brought to you by **ORION**

Agenda

- **ORION - Introduction**
- **System Modules**
- **Expectations**

ORION - Introduction

- ORION is a software solutions company running from 2015 all the way up till this moment.
- We cooperate with companies from all over the globe to find them cutting-edge solutions that fit their business.
- ORION contributes in the software community by many open-source packages available for free.
- Companies, Research teams, Factories and even Software-houses are using our solutions on daily basis.

System Modules

- Manufacturing
- Accounting
- HR and Payroll
- Asset management.

System Modules

Manufacturing

OGUN Covers all the necessary features for steel manufacturing such as:

- Bill Of Materials Management.
- Production planing.
- Taking Work Orders.
- Downtime entry.

System Modules

Manufacturing - Bill Of Materials

A Bill of Materials is a list of items and sub-assemblies with quantities required to manufacture an Item.

- A BOM may also contain the manufacturing operations required to manufacture the Item.
- A **Bill of Materials** (BOM) is at the heart of the Manufacturing system and the most important document that will help to create other document types like Work Orders and Job Cards.
- A BOM is the outcome of Items, Operations, Workstations combined.

System Modules

Manufacturing - Bill Of Materials

This is an example of how BOM looks like:

- The quantity of Raw Material used.
- Item operation to be fetched in Work Orders later.
- Source Warehouse to track inventory.
- Remaining scrap percentage.

Item	<input checked="" type="checkbox"/> Is Active
Base Bearing Plate	<input checked="" type="checkbox"/> Is Default
Item to be manufactured or repacked	<input type="checkbox"/> Allow Alternative Item
Item Name	<input checked="" type="checkbox"/> Set rate of sub-assembly item based on BOM
Base Bearing Plate	
Item UOM	Project
Nos	FABRICATION
	Quantity
	1.000
	Quantity of item obtained after manufacturing / repacking from given quantities of raw materials

<input type="checkbox"/>	Item Code	Qty	UOM	Rate	Amount	
<input type="checkbox"/> 1	Bearing Block	1.000	Nos	13.00	13.00	▼

Add Multiple Add Row

System Modules

Manufacturing - Production Plan

- A Production Plan helps in production and material planning for the Items planned for manufacturing.
- These production items can be committed via Sales Order (to Customers) or Material Requests (internally).
- It also helps to plan production against multiple Sales Orders or the Material Requests.
- A Production Plan helps in Material Procurement planning for the raw material item, based on the quantity of finished products to be manufactured.

System Modules

Manufacturing - Production Plan

As mentioned earlier, a Production Plan can be used for planning the manufacture of Items against Sales Orders or Material Requests.

For Example; this is how Production against Sales order looks like:

- The quantity of Raw Material used.
- Item operation to be fetched in Work Orders later.
- Source Warehouse to track inventory.
- Remaining scrap percentage.

The screenshot displays a web-based form for creating a Production Plan. It features several input fields and dropdown menus organized into two main sections. The top section includes 'Naming Series' (a dropdown menu with 'MFG-PP-.YYYY.-' selected), 'Posting Date' (a date field with '08-31-2020'), 'Company' (a text field with 'Wind Power LLC'), and 'Get Items From' (a dropdown menu with 'Sales Order' selected). The bottom section, separated by a horizontal line, is titled 'FILTERS' and includes 'Item Code' (text field with 'Bearing Pipe'), 'Customer' (text field with 'ACME srl'), 'Project' (text field with 'FABRICATION'), 'From Date' (date field with '04-01-2020'), and 'To Date' (date field with '05-01-2020').

Naming Series	Posting Date
MFG-PP-.YYYY.-	08-31-2020
Company	
Wind Power LLC	
Get Items From	
Sales Order	
FILTERS	
Item Code	From Date
Bearing Pipe	04-01-2020
Customer	To Date
ACME srl	05-01-2020
Project	
FABRICATION	

System Modules

Manufacturing - Work Orders

Woking Orders is your tool to flash the green light for new orders.

- Select the Item to be manufactured.
- Select the Bill Of Material (BOM).
- Set the quantity to manufacture.
- Set the planned start/end date.

Series

PRO-

Company

Item To Manufacture

Base Bearing Plate

Qty To Manufacture

0.000

Item Name

Base Bearing Plate

Sales Order

SO-00051

BOM No

BOM-Base Bearing Plate-001

Project

FABRICATION

SETTINGS

☐ Allow Alternative Item

☒ Use Multi-Level BOM

Plan material for sub-assemblies

☐ Skip Material Transfer to WIP Warehouse

☒ Update Consumed Material Cost In Project

Check if material transfer entry is not required

WAREHOUSES

Source Warehouse

Work In Progress - WPL

This is a location where raw materials are available.

Work-in-Progress Warehouse

Work In Progress - WPL

This is a location where operations are executed.

Target Warehouse

Finished Goods - WPL

This is a location where final product stored.

Scrap Warehouse

Work In Progress - WPL

This is a location where scraped materials are stored.

System Modules

Manufacturing - Down time Entry

- Downtime Entry document is used to capture the machine's Downtime in minutes.
- User needs to manually create the downtime record by selecting the proper machine alongwith the machine's downtime.
- Using Downtime entry data operator knows which machine not performing well and needs maintenance.

Workstation / Machine	From Time
Drilling Machine 1	07-16-2020 20:08:51
	America/New_York
Operator	To Time
EMP/00012	07-12-2020 20:08:51
	America/New_York
	Downtime
	-5,760
	In Mins
<div>Excessive machine set up time Unplanned machine maintenance On-machine press checks Machine operator errors ✓ Machine malfunction Electricity down Other</div>	
	Remarks

System Modules

Accounting

At the end of sales and purchase cycle comes billing and payments, You may have an accountant in your team, or you may be doing accounting yourself, or you may have outsourced your accounting.

In all the cases financial accounting forms the core of any business management system like an ERP.

System Modules

Accounting

in **OGUN**; your accounting operations consists of 3 main transactions:

- Sales Invoice
- Purchase Invoice
- Journal Entries

System Modules

Accounting - Sales Invoice

- A Sales Invoice is a bill that you send to your customers, against which the customer processes the payment.
- Sales Invoice is an accounting transaction.
- On submission of Sales Invoice, the system updates the receivable and books income against a Customer Account.
- Sales Invoice will also give you the following:
 - Accounting Impact
 - Accounting entries (GL Entry) for a typical double entry “Sale”
 - Automatically Fetching Item Batch Numbers
 - POS Invoices
 - Billing Timesheet with Project

<input type="text" value="Name"/>		<input type="text" value="Title"/>		<input type="text" value="Customer"/>		<input type="text" value="Company"/>		<input type="text"/>	
<div>Add Filter</div>								Last Modified On <div></div>	
<input type="checkbox"/>	♥ Title	Status		Grand Total		20 of 132			
<input type="checkbox"/>	♥ ACME srl	● Draft		\$ 2,100.00	SINV-RET-00009	11 h	<div></div>	<div></div>	0
<input type="checkbox"/>	♥ Asian Fusion	● Draft		\$ 2,028.00	SINV-00123	1 d	<div></div>	<div></div>	0
<input type="checkbox"/>	♥ ACME srl	● Draft		\$ 2,028.00	SINV-RET-00008	1 d	<div></div>	<div></div>	0
<input type="checkbox"/>	♥ Adaptas	● Draft		\$ 10.00	SINV-RET-00001	3 d	<div></div>	<div></div>	0
<input type="checkbox"/>	♥ Dr. Mustermann	● Draft		\$ 14.56	SINV-RET-00007	1 w	<div></div>	<div></div>	0
<input type="checkbox"/>	♥ \zx\x	● Draft		¥ 35,862.43	SINV-RET-00006	1 w	<div></div>	<div></div>	0

System Modules

Accounting - Purchase Invoice

- A Purchase Invoice is the exact opposite of your Sales Invoice.
- It is the bill that your Supplier sends you for products or services delivered.
- Here you accrue expenses to your Supplier.
- Making a Purchase Invoice is very similar to making a Purchase Order.
- Purchase Invoice will also give you the following:
 - accounting Treatment When Is Paid is checked
 - Is purchase an “Expense” or an “Asset?”
 - Deducting Taxes at Source
 - Hold Payments for a Purchase Invoice/Explicit Hold, Date Span Hold

Series	Date
PINV-	08-31-2020
Supplier	Posting Time
HomeBase	21:20:15
Tax Id	America/New_York
	<input type="checkbox"/> Edit Posting Date and Time
Due Date	<input type="checkbox"/> Is Paid
08-31-2020	<input type="checkbox"/> Is Return (Debit Note)
	<input type="checkbox"/> Apply Tax Withholding Amount

ACCOUNTING DIMENSIONS ▾

SUPPLIER INVOICE DETAILS ▾

ADDRESS AND CONTACT ▾

CURRENCY AND PRICE LIST ▾

System Modules

Accounting - Journal Entry

- All types of accounting entries other than ***Sales Invoice*** and ***Purchase Invoice*** are made using the ***Journal Entry***.
- A **Journal Entry** is a standard accounting transaction that affects multiple Accounts and the sum of debits is equal to the sum of credits.
- Journal Entry will also give you the following:
 - Common Entries
 - Expenses
 - Bad Debts or Write Offs
 - Deprecation
 - Credit and Debit Notes

Name

Title

Journal Entry

Company

Add Filter

Last Modified On

<div><div></div><div></div><div>Title</div></div>	Status	Reference Number	Total Debit	12 of 12		
<div><div></div><div></div><div>Sales - WPL</div></div>	<div><div></div><div>Journal Entry</div></div>		\$ 1,000.00	JV-00054	4 w	<div><div></div><div></div><div></div></div> <div></div>
<div><div></div><div></div><div>Sales - WPL</div></div>	<div><div></div><div>Draft</div></div>		\$ 1,000.00	JV-00053	5 w	<div><div></div><div></div><div></div></div> <div></div>
<div><div></div><div></div><div>Service - WPL</div></div>	<div><div></div><div>Journal Entry</div></div>		\$ 180.00	JV-00052	2 M	<div><div></div><div></div><div></div></div> <div></div>
<div><div></div><div></div><div>Service - WPL</div></div>	<div><div></div><div>Journal Entry</div></div>		\$ 150.00	JV-00051	2 M	<div><div></div><div></div><div></div></div> <div></div>
<div><div></div><div></div><div>Service - WPL</div></div>	<div><div></div><div>Journal Entry</div></div>		\$ 180.00	JV-00050-1	2 M	<div><div></div><div></div><div></div></div> <div></div>

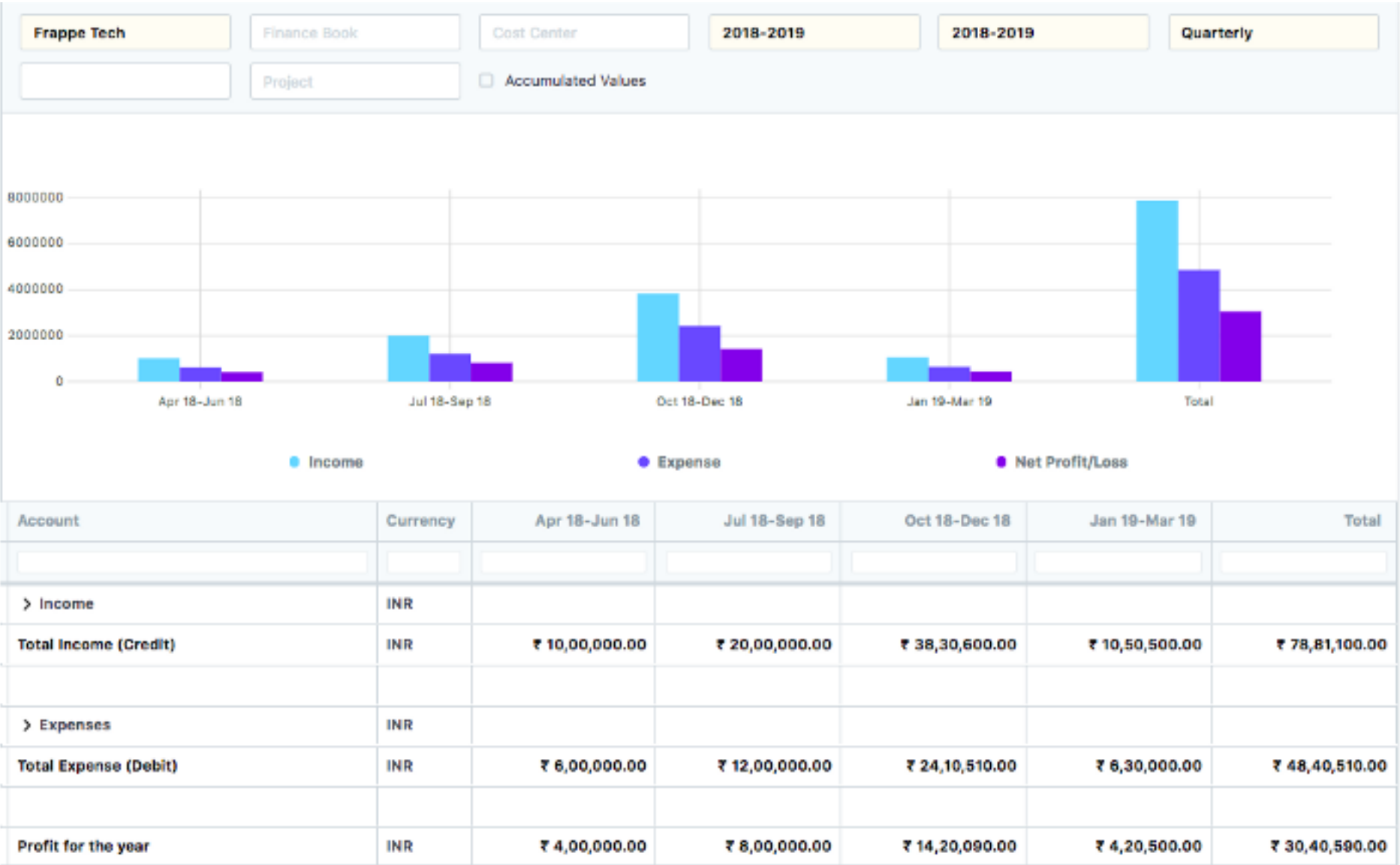
System Modules

Accounting - Financial Statements

Now that you have recorded all the information, you can check where your business stands using the financial statements.

Profit and Loss Statement:

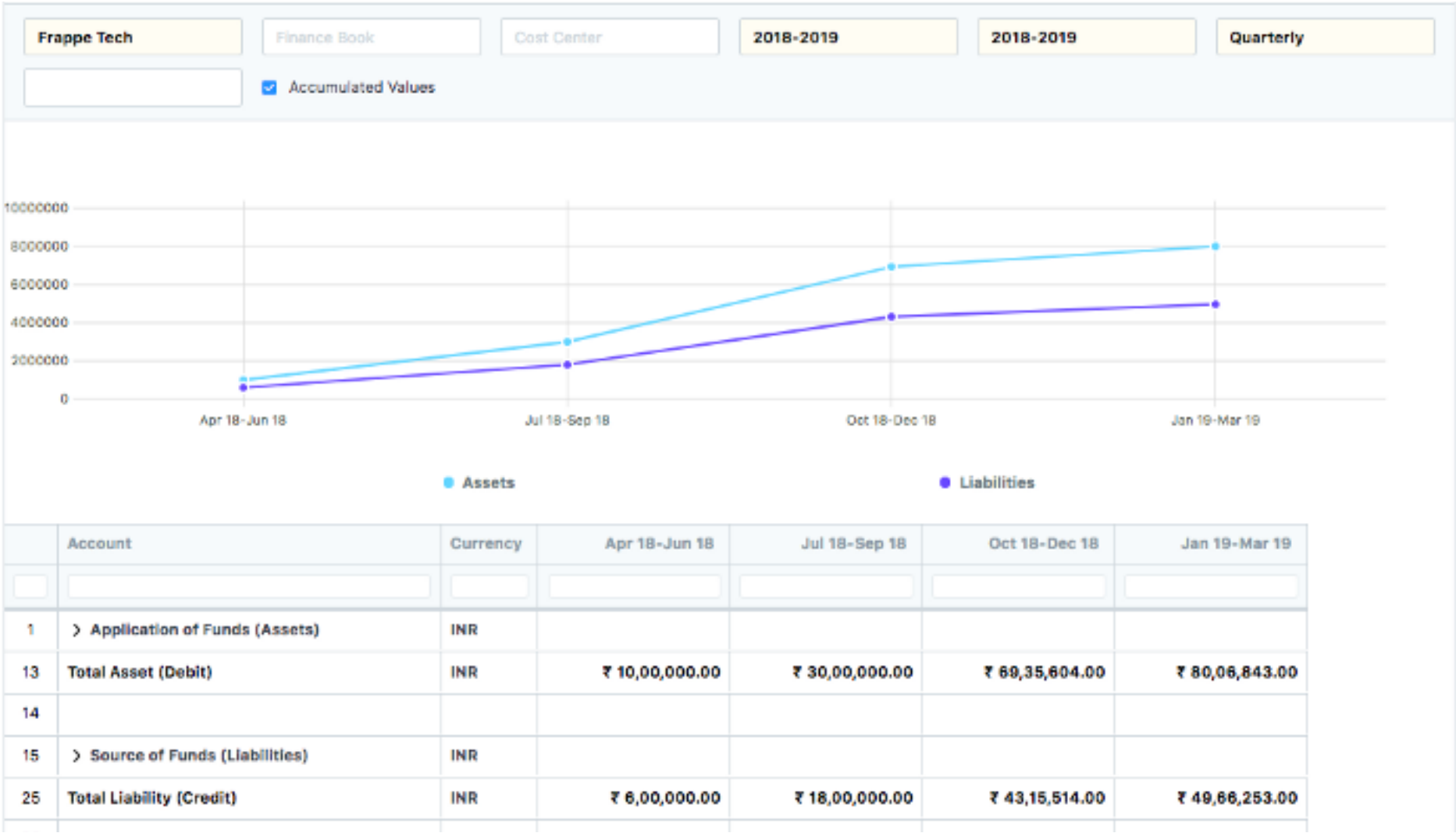
Profit and loss statement reports a company’s revenues, expenses, and most of the gains and losses which occurred during the period of time specified in its heading.



System Modules

Accounting - Financial Statements

Balance Sheet: Balance sheet report shows a company’s assets, it’s liabilities, and its stockholders’ equity.



System Modules

Accounting - Financial Statements

Cash Flow: The cash flow statement reports a company’s major sources and uses of cash.

Frappe Tech

Finance Book

Cost Center

2018-2019

2018-2019

Quarterly

☐ Accumulated Values

Account	Currency	Apr 18-Jun 18	Jul 18-Sep 18	Oct 18-Dec 18	Jan 19-Mar 19	Total
▼ Cash Flow from Operations						
Profit for the year	INR	₹ 4,00,000.00	₹ 8,00,000.00	₹ 14,20,090.00	₹ 4,20,500.00	₹ 30,40,590.00
Depreciation	INR			₹ 10.00		₹ 10.00
Net Change in Accounts Receivable	INR			₹ -38,32,800.00	₹ -58,860.00	₹ -38,91,660.00
Net Change in Accounts Payable	INR	₹ 6,00,000.00	₹ 12,00,000.00	₹ 24,11,348.00	₹ 6,00,689.00	₹ 48,12,047.00
Net Change in Inventory	INR			₹ -1,02,800.00	₹ -11,300.00	₹ -1,13,900.00
Net Cash from Operations	INR	₹ 10,00,000.00	₹ 20,00,000.00	₹ -1,03,952.00	₹ 9,51,039.00	₹ 38,47,087.00
▼ Cash Flow from Investing						
Net Change in Fixed Asset	INR			₹ -40.00		₹ -40.00
Net Cash from Investing	INR			₹ -40.00		₹ -40.00
▼ Cash Flow from Financing						
Net Change in Equity	INR					

System Modules

HR and Payroll

Leave and Attendance Tracking, Expense Claims, Salary and Payroll, Recruitment, Performance and more are all handled with OGUN HR and Payroll Module

Employee

- Employment Type
- Various employment contracts you have with your employees.
- Department
- You can configure the Departments in your organization and assign them to your employees
- Health Insurance
- You can manage health insurance for your employees within OGUN
- HR Settings
- Global settings for HR related documents and workflow

System Modules

HR and Payroll - Recruitment

- **Staffing Plan**
- **OGUN allows you to efficiently plan and budget new hiring for a period.**
- **Job Opening**
 - You can make a record of the open vacancies in your company using Job Opening.
- **Job Applicant**
 - You can maintain a list of People who have applied for a Job Opening.
- **Job Offer**
 - Job Offer is given to selected candidates after Interview & selection which states the terms of their employment.

System Modules

HR and Payroll - Leave Management

- **Leave Type**
 - Leave Type refers to types of leave allotted to an employee by a company.
- **Leave Period**
 - You can manage leaves based on a Leave Period, corresponding to a calendar year or the fiscal year.
- **Leave Allocation**
 - Leave Allocation enables you to allot a specific number of leaves to a particular employee.
- **Leave Application**
 - Employees can formally apply for a leave and can track it's approval.
- **Leave Encashment**
 - For Leave Types which are encashable, you can submit Leave Encashment.
- **Holiday List**
 - Holiday List is a list which contains the dates of holidays.
- **Leave Block List**
 - Leave Block List is a list of dates in a year, on which employees can not apply for leave

System Modules

HR and Payroll - Attendance

- **Attendance** is the record stating that an Employee has been present on a particular day.
- **Attendance Request**
 - Employees can submit their attendance request for the days when their attendance wasn't marked.
- **Upload Attendance**
 - This tool helps you to upload bulk attendance from a CSV (Excel) file.
- **Auto Attendance**
 - Auto attendance marks the attendance for the Employees assigned to a shift based on records in the 'Employee Checkin' Document

System Modules

HR and Payroll - Lifecycle and Salary

- **Appraisal**
 - You can manage appraisals by creating templates for each role with the parameters with appropriate weightage to each parameter.
- **Employee Onboarding**
 - For the process of hiring an employee you can create a set of Tasks at the time of each Employee.
- **Employee Skill Map**
 - Employee Skill Map is a record which helps your organization track your Employee's skill sets and trainings.
- **Employee Promotion**
 - You can manage Employee Promotions using this document.
- **Employee Transfer**
 - You can transfer Employees to different Company or Department by using Employee Transfer.
- **Employee Separation**
 - For the process of relieving an employee you can create a set of Task at the time of each Employee.

System Modules

HR and Payroll - Payroll

- **Payroll Entry**

- Payroll Entry enables bulk processing of payroll for employees company wide or employees of a particular branch, department or designation.

- **Additional Salary**

- OGUN allows you to add additional Salary Components to Salary Slips while processing the payroll.

- **Employee Benefit Application**

- Employees are entitled to flexible benefits which they can either receive pro-rata or as a lump-sum amount when they claim the benefit.

- **Employee Tax Exemption Declaration**

- Employees can declare the contributions they plan to do in the payroll period which will reduce their net taxable income for the entire payroll period.

- **Payroll Period**

- Payroll Period helps you define Salary Structures and to calculate tax for a specific period based on applicable Income Tax Slab

- **Income Tax Slab**

- Income Tax Slab helps to define income tax rates based on different taxable income slab

- **Payroll Setup**

- Salary is a fixed amount of money or compensation paid to an employee by an employer in return for the work performed.

- **Setting Up Tax**

- In many countries regulations allow exempting a part of some type of spendings by individuals from being added to their annual taxable income

System Modules

HR and Payroll - Employee

In **OGUN**, you can manage Employee master.

The Employee master captures demographics, personal and professional details.

You can further use this Employee master for performing various HR functions like:

- Processing Payroll
- Leave Allocation and Application
- Employee Advance and Expense Claim
- Loan Application
- Performance Appraisal

System Modules

HR and Payroll - Job Application

- You can maintain a list of People who have applied for a Job Opening.
- You can link Job Application with an Email account.
- Suppose you link Job Application with an email job@example.com OGUN shall create a New Job Applicant against each email received on the mailbox.

System Modules

HR and Payroll - Holidays List

- day List is a list which contains the dates of holidays.
- Most organizations have a standard Holiday-List for their employees.
- Some even have different holiday lists based on the different locations or departments.

System Modules

HR and Payroll - Loan Type

- This module enables companies which provides loans to define and manage loans. Employees can request loans, which are then reviewed and approved.
- For the approved loans, repayment schedule for the entire loan cycle can be generated and automatic deduction from salary can also be set up.

System Modules

Asset Management

Fixed asset management and tracking with depreciation, asset allocation and movement tracking

- **Asset**
 - All the transactions related to an Asset like purchasing, sales, depreciation, scrapping, movement or maintenance will be managed against the Asset master.
- **Asset Maintenance**
 - OGUN provides features to track the details of individual maintenance/calibration of various assets.
- **Asset Movement**
 - You can track the location of an asset or to whom it is issued or whenever it is moved from one location to another.

System Modules

Asset Management - Asset Transactions

- **Asset Value Adjustment**
 - In case of fixed asset management, sometimes the value of an asset needs some adjustment, this can be managed within OGUN.
- **Purchasing an Asset**
 - You can follow the default purchase cycle after ensuring the the appropriate asset category exists.
- **Selling an Asset**
 - You can sell an asset and even make all the necessary documents lile a Sales Invoice for it.

System Modules

Asset Management - Discarding Assets

- **Asset Depreciation**
- The system automatically creates a schedule for depreciation based on depreciation method and other related inputs in the Asset record.
- **Scrapping an Asset**
 - When an asset is no longer usable, you can scrap an asset with the click of a button in the Asset record.

Expectations

OGUN grantees you:

- Track all Invoices and Payments.
- Know what quantity of which product is available in stock.
- Identify and track your key performance indicators (KPI's).
- Identify open customer queries.
- Manage payroll.
- Assign tasks and follow up on them.
- Maintain a database of all your customers, suppliers and their contacts.
- Prepare quotes.
- Tracking your budgets and spending
- Determine effective selling price based on the actual raw material, machinery and effort cost.
- Get reminders on maintenance schedules.
- Publish your website

OGUN

ORION Product

