



EPSUM LABS

Rediscovering Possibilities...



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ABOUT US:

We are a leading technology startup established in 2016 as an IT company dealing with software, automation, and cognitive technology.

Epsum Labs is built with a dedicated team of like-minded, highly motivated, tech-savvy, enthusiastic, young and dynamic Engineers who consistently strive for excellence in respective fields. We deal in designing and development of Home Automation Products, Software Development, Embedded System, Industrial Automation and CAD Designing services.

We are consistently evolving in the field of cognitive technology through continuous R&D. We also provide training to engineers in various technical fields.

Rediscovering Possibilities...

PURSUIT

REALIZATION

RELATIVE WORTH

WE BELIVE IN,

"Make every detail perfect, and limit the number of details to perfect."



MISSION

We aspire to be the most trusted and preferred Automation as well as software providing company which will always strive to attain excellence and a long-term relationship with the clients through rising the scale of excellence and continuous R & D considering the client requirements.



VISION

Indigenous production of cost-effective automation products accessible globally.



VALUES

- User Friendly
- Latest Technology
- Quality Professional Services

OUR STORY

EPSUM LABS is the brainchild of a visionary technocrat who believes in indigeneity. Worked in various industries concerning industrial automation and software development, he dreamt to develop software and electronic products without borrowing them from outside. He set up EPSUM LABS with a mission to build technologies indigenously in the year 2016. To translate his dream into a reality he assembled a team of like-minded, highly motivated, tech-savvy, enthusiastic, young & dynamic engineers.



OUR STRENGTH

EPSUM LABS adheres to its principle of reliability and honesty by providing best products embedded with the latest technology at an affordable cost and better professional services within the time frame and budget.



WORK CULTURE

EPSUM LABS stands out with its work friendly policies, friendly working environment, flexible work hours, work from home options, encouraging collaboration and team work which creates a cordial office atmosphere & keeps employees motivated. It provides learning environment & platform to its employees to execute innovative ideas parallelly doing research and development to bring out extraordinary outcomes.



OUR FIELD OF INTEREST:



Home Automation



Industrial Automation



Training



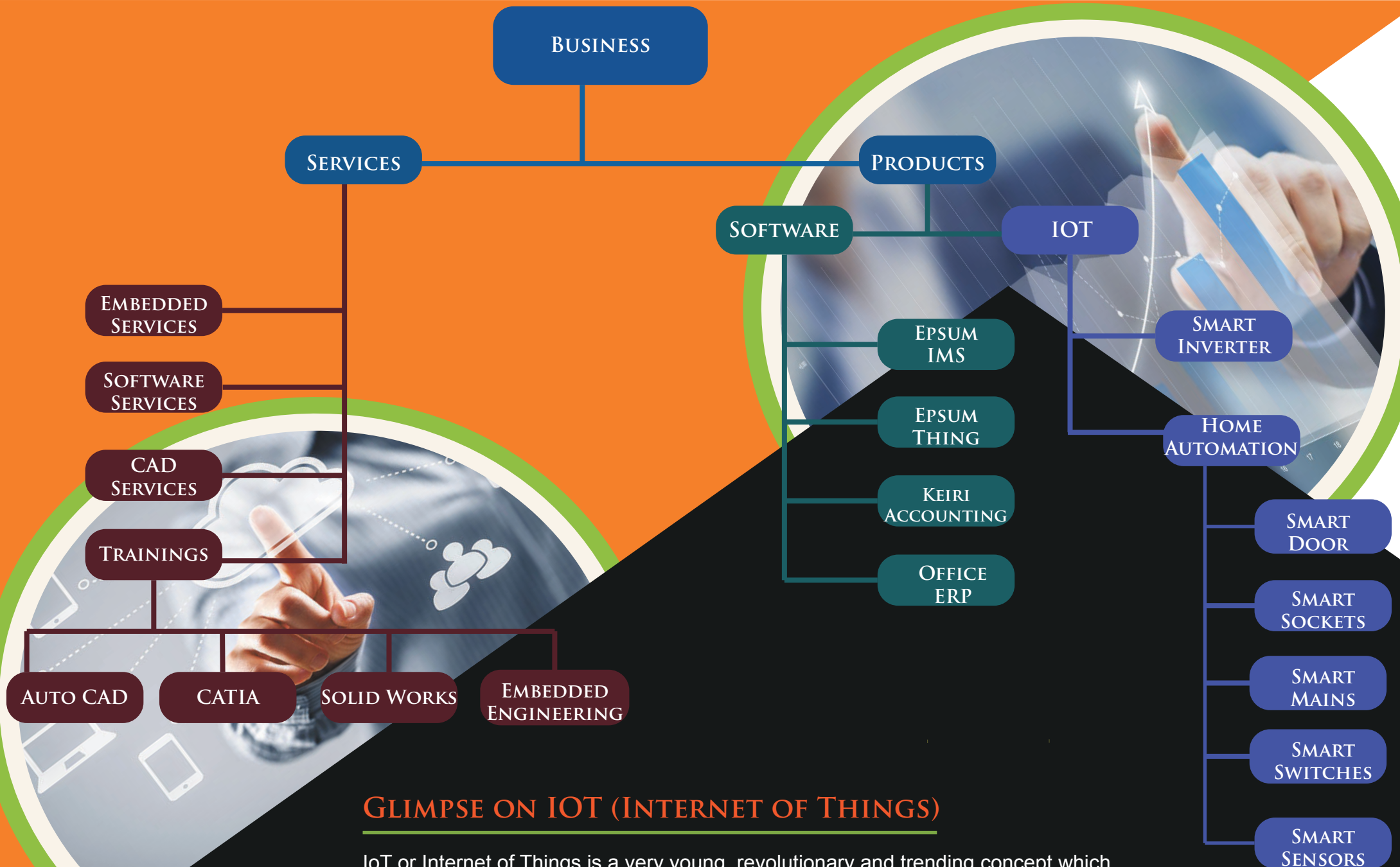
CAD Designing



Software Development



Cognitive Technology



GLIMPSE ON IOT (INTERNET OF THINGS)

IoT or Internet of Things is a very young, revolutionary and trending concept which involves the implementation of interconnected devices to share data among the devices or things to create a smart ecosystem.

Each thing is uniquely identifiable through its embedded computing system but is able to inter-operate within the existing Internet infrastructure.

OUR IOT PRODUCTS

EPSENS - SMART SENSOR

EPSENS comprises of modules which integrate sensors & circuits to process information, obtained from the environment without human interference and provide information by push notifications for fire, humidity change, smoke and gas.



Fire



Smoke



Motion

DETECTS



MONITORS



Humidity



Temperature



Luminous

FEATURES

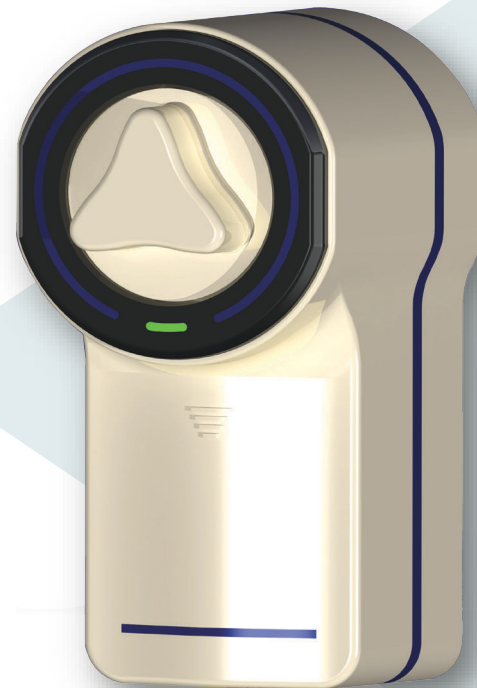
- ✓ Mobile Application Based Monitoring
- ✓ AES 256-bit Military Grade Encryption
- ✓ Inbuilt Alarm
- ✓ Push Notification
- ✓ Highly Power Efficient

SMART LOCK

A smart lock is an electromechanical lock which performs locking and unlocking operations on a door when receives specific instructions from the authorized device using a wireless (802.11) protocol and a digital key. It keeps track of persons using the lock and sends alerts through push notifications to the android/IOS devices of users. It allows monitoring features and provides the User Access History in the authorized android /IOS devices.

FEATURES:

- ✓ Anti Theft Technology
- ✓ Mobile application based control and monitoring.
- ✓ AES 256-bit military grade encryption
- ✓ Remote Operation
- ✓ Push Notification
- ✓ Highly Power Efficient
- ✓ Multiple Keys Setup
- ✓ Electro Mechanical Lock



SPECIFICATIONS



OUR IOT PRODUCTS

HOME AUTOMATION

Acquire the efficacy to transform your sweet home at your fingertip by our smart home automation solutions. Now you have ostentatious collection of home automation products that lets you assured and relaxed in terms of safety and security of your family & house. Epsumlabs bringing you the home automation products that not only gives you the chance of experiencing splendid lavishness but also arms your house from fire, overcurrent, short circuit and many more.



Smart Sockets



Smart Switches



Smart Mains

FEATURES



Mobile Application Based Monitoring



AES 256-bit Military Grade Encryption



Automated Remote Controls



Anti Surge, Earth Fault & Over Voltage Protection



Push Notification



Highly Power Efficient

SMART SOLAR INVERTER

A Solar Inverter with multiple features such as grid synchronization, alarm, history, push notifications and real-time voltage as well current monitoring.



OUR SOFTWARE PRODUCTS

EPSUM OFFICE ERP

A Versatile & Scalable amalgamation of rich features that seamlessly makes it easy on your part to monitor and manage all the verticals in your office and access required data.

MODULES INCLUDED

Account Management

Project Management

Employee Management

HR & Payroll Management

Training Management



INSTITUTE MANAGEMENT SYSTEM(IMS)

It helps in managing and streamlining all the processes of Institute, including Students, Staff, Library, etc. has never been that easy. Our Educational ERP provides software solution for all such activities.

MODULES INCLUDED



Admin



Administrator



Account



Students



Employee



Principal

ADDON MODULES



Receptionist



Library



Hostel



HR



Transport



Security



OUR SOFTWARE PRODUCTS

KEIRI ACCOUNTING SOFTWARE

EPSUM Labs presents you a renovative and prodigious “KEIRI Accounting Software”, that enables you to prepare GST Reports, cash flow statements, generate financial Statements, track bank transactions, Inventory management.

The name Keiri is a Japanese word which means accounting. We have named our Software as Keiri as our software reflects efficiency, quality & reliability for the customers, like Japanese technologies.

It is a complete solution that retains its original simplicity yet offers comprehensive business functionalities such as Accounting, Finance, Inventory, Sales, Purchase, Point of Sales, Tax Invoices with GST effect, Manufacturing, Costing, Stock Management and many more along with compliance capabilities for GST, TDS, TCS, and other Regulatory Framework.

It can also be customized as per customers requirement which makes it unique and different from other accounting software and tempts business owners and their associates to do more.



FEATURES

- ✓ Invoicing: Tax invoice & Retail invoice with GST effect.
- ✓ Inventory Management (Purchase, Sale, Credit Note, Debit Note, Stock Statement Opening Stock, Closing Stock, & Work in Process etc).
- ✓ GST filling Support (Automatic creation of return Filing Data).
- ✓ Bank Reconciliation Statement.
- ✓ Customized Reports (Individual Ledger, Balance Sheet, Profit & Loss Account).
- ✓ Multiple User.
- ✓ Barcode Printing & SMS Integration as per Customer Request.

EPSUM THINGS

IoT or Internet of Things is a very young, revolutionary and trending concept which is the implementation of interconnected devices to share data among the devices or things to create a smart ecosystem. Our IoT platform will provide an open platform to various companies, communities and people to develop and explore the possibilities behind the IoT concept.

KEY FEATURES

- ✓ Public API for controlling and acquiring data from devices through cloud.
- ✓ People can add their own devices with their custom device definition.
- ✓ Usage Monitoring.
- ✓ Activity log for putting up analytics and Machine learning.
- ✓ Web panel for visualizing devices and managing account online.

PRIMARY TARGET

- ✓ Other companies which require a tailored IoT platform.
- ✓ Developers and Development Communities.
- ✓ Engineers
- ✓ Hobbyists



OUR SERVICES

CAD SERVICES

EPSUM LABS provides full package of CAD services, including 2D, 3D, Rendering, Animation and Sketchup. We have talented and well experienced mechanical engineers to make sure that we provide high level of quality and service to each and every customer at the lowest cost.

A highly-trained Engineering service team in our company backed by a strong process is always ready to provide exceptional service in any complexity or size of your project. Each member of our team is involved in continuous research including up-to-date workstations and software, all protected by top tier security systems, which will help you turn around your design requirements as per your specifications and business needs.

AutoCAD

CATIA

Solidworks

CREO

CAD Conversion/2D Drafting Services

- ✓ Conceptual sketches, PDFs, manual & technical drawings to 2D editable CAD Drawings.
- ✓ Mechanical 2D Drafting for manufacturing drawings, assembly drawings.

Mechanical CAD Design for Industrial Products

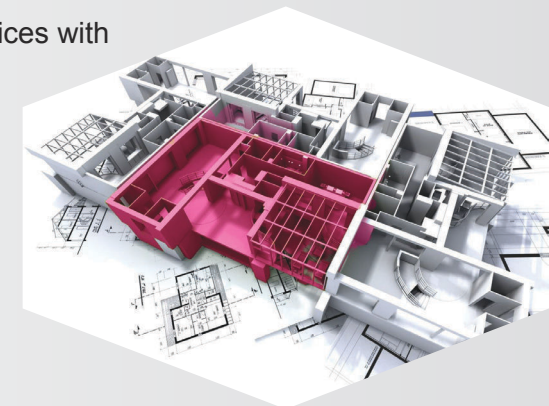
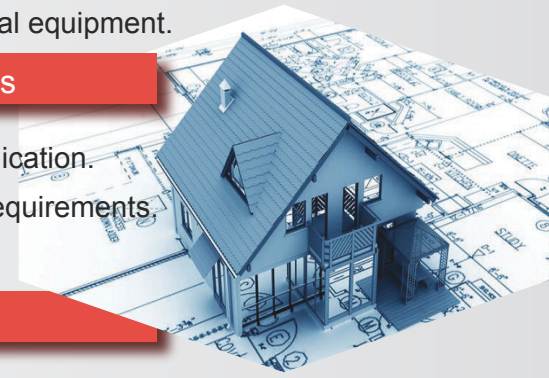
- ✓ Industrial product design for tools & high-speed rotating equipment.
- ✓ Custom machine design for material handling equipment.
- ✓ Product development for electronic products & medical equipment.

Product 3D Modelling & Product Animation Services

- ✓ Conceptual 3D CAD Model for better design communication.
- ✓ 3D renderings and animation for product marketing requirements.
- ✓ 2D and 3D Modelling for Sheet Metal Components.

Reverse Engineering Services:

- ✓ Convert products to 3D CAD model.
- ✓ Checking design Interoperability.
- ✓ Developing design information for components & devices with complete design data.



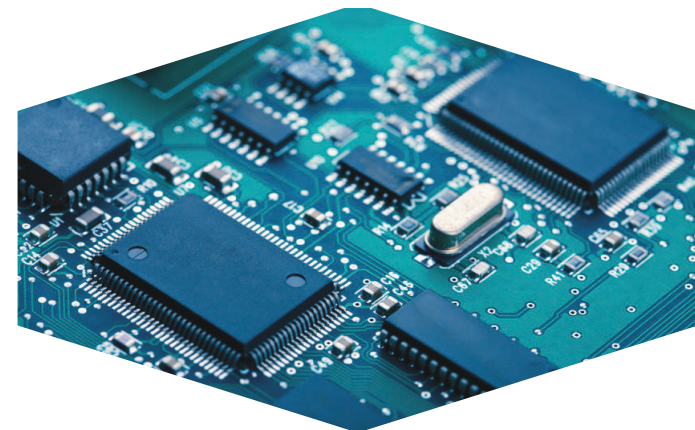
Our CAD service is beneficial for the following purposes

1. Machine & Tool Manufacturers: CAD design support services for custom machines, mechanisms and tool development.
2. Furniture Manufacturers: Provides CAD designs for Furniture Manufacturers (stainless steel, aluminium, sheet metal, wood furniture) for office, residential, and museum.
3. Building Products and Components Manufacturers: Sheet metal design services for windows and doors, stairway, ladder railing, roofing and elevators.
4. Fabricated Metal and Alloy Manufacturers: Sheet metal design solutions for heavy gauge components, fabricated metal products, alloy, metal for agricultural, construction, industrial, transportation and automotive.
5. Industrial Products Manufacturers: Industrial product design services such as Gearboxes, Gears, Shafts, Drives, Hydraulics, Pneumatics, Machine Tools & Instruments, Piping, Pumps, Blowers, Compressors, Valves, Presses, Turbines, Bearings, Springs & Bushings etc.

EMBEDDED SERVICES

At EPSUM LABS we outsource Embedded Services as per the demand and requirements of the clients. We provide solutions on AVR & ARM M4 platforms & on Image Processing by embedded engineers with rich expertise & diverse knowledge in their field. We also specialize in a varied number of sensors and its fusion.

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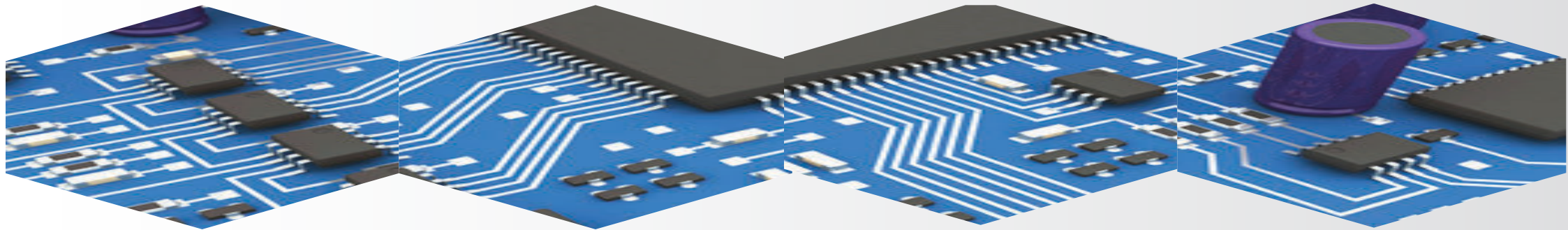


OUR SERVICES

Our Embedded services are not less than a boon for Smart City Campaign issues such as:

- Smart waste management which includes dustbin and drainage systems.
- Can Provide solutions for traffic monitoring, crowd monitoring with real-time vehicle and human detections along with some advance parking management systems
- Can Provide smart energy monitoring solutions like how much a user is consuming power and water with enabling real-time data update using our IoT platforms.

We also aim to provide our embedded services in city Emergency Management like Smart Medical and Ambulance services, Smart Fire Departments and Smart Law Enforcement services etc.



Some other services include: -

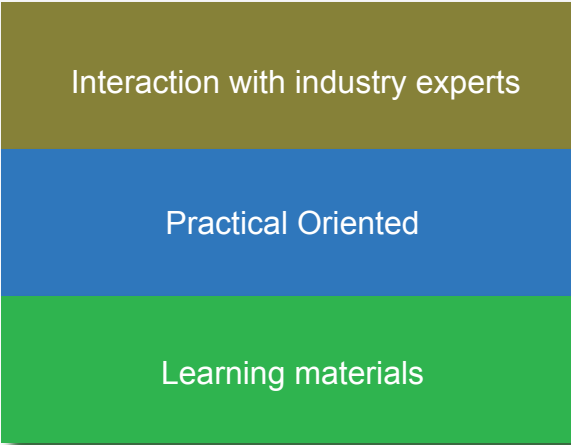
- We can provide smart lighting to system with IoT platform.
- We can provide next generation internet service with Li-Fi devices. So that our existing street light system can be converted to Internet service providers (Currently in Research)
- For safety and security of your loved ones we are on the way to provide solutions starting from sensor-based systems to smart camera enabling them to implement a world class security system for you and your home.

TRAINING

Epsum Labs provides a complete hands-on training by Experts. We are specialized in providing unique training courses in all engineering verticals like AUTOCAD, CATIA, SOLIDWORKS, INDUSTRIAL AUTOMATION, EMBEDDED ENGINEERING etc.

Our training & workshops are not purely academic rather they are designed to provide practical approach of the learnt engineering courses and hands-on applications where the trainees will be given the opportunity to think out of box and utilize their creative mind to explore and bring out some innovations. Along with classroom teaching it includes on-site training for the students.

Our training courses will prove to be the best for all Engineering Graduates. Our course is a mixture of presentation, tutorial, one to one training, enabling students to gain hands-on experience.

Interaction with industry experts

Practical Oriented

Learning materials

Requirement specific training

Chance to work on company's project

Course completion certificate

OUR SERVICES

SOFTWARE SERVICES

At Epsum labs we strive to provide best software solutions to our clients, following best practices in design and development. With growing automation and digitization all over the world, in almost every known sector, use of software applications has become a vital integral part of an organization for managing resources, tracking progress etc. We help to fill the gap by building tailored software specifically for the Organizational requirements suit ones' business needs.

Building Management Software such as Institute management system, Hotel Management system, Payroll management system are some of our expertise.

Mobile Application Development

Mobile Applications have become very common these days. Every small, medium or large size businesses first target their customers through mobile phone apps, as people love it when amazing things happen in a device as small as a smart phone. We help you in growing your business by building custom tailored Mobile Phone Apps to map yours and your customer requirements. We build Apps for major platforms via. Android and iOS.



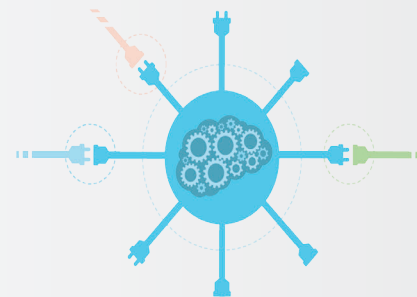
E-Commerce Services

It is becoming very common in selling out goods online which requires almost no middle-men, helping sellers or producers alike to directly send goods to customers, cutting unnecessary costs. For that one need a platform to do the same. We provide you with an E-Commerce platform to help you reach your customers directly with ease. May it be family business, industry level or a startup, we'll provide a best E-Commerce solution to suit your needs.



Website Designing & Development

We deliver the best designs for the websites to meet the desired expectations of the clients, simultaneously enhancing the content in order to give a very appealing look to the website. Our major focus areas are user experience, user accessibility, compelling layouts resulting in smooth flawless experience.



Application Program Interface (API)

API is a very vital part when a service or a product is intended to allow third parties and developers to build upon your project model to spread your business or even building Apps. We help you achieve this by build a Restful API for your project/product which would help your business to grow limitlessly by tapping into developers' space and communities.

Technologies we use and show expertise in are: .NET Framework, ASP.NET, JAVA, PHP, Python along with Django, ReactJS, React-Native, Android, IOS. We specialize in developing Desktop Application for Windows, Mac and Linux platforms, Android App, iOS App and Web Applications.

OUR PROJECTS DELIVERED

GIFT ` O ` DEAR



A Magento based e-commerce application that has been developed by Epsum Labs for a client based in Bangalore, India. The main objective of this application is to sell unique and antique products on an inventory-based e-commerce system.

LOOKS - A CLASSIFIED SALON APPLICATION



A classified application that has been developed by Epsum Labs for a client based in Kanpur, India. The main objective of this application is to enable both ladies and gents to groom themselves according to their convenience by simply downloading and using the application where they can book their appointment in the salon according to their proximity, ratings, reviews, offers etc.

PRECISION MOULDING CORPORATION

Here at EPSUM LABS PVT.LTD we also deliver Mechanical CAD Services to our valued customers. We made 3D models and Mould designing of pet bottles and plastic enclosures as per the requirement of our client, "Precision Moulding" based in Bhubaneswar, Odisha. We successfully delivered the designs on time and with perfection.





Rediscovering Possibilities...

GET IN TOUCH

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