

**Spiktel Technologies**

EMPOWERING LIVES





## INTRODUCTION

### Know Spiktel & It's Values

Spiktel Technologies Private Limited is India's leading technology business and Education services provider. At Spiktel, we excel in developing smart technologies to help large and emerging companies manage their non-core activities by leveraging our integrated service offerings across industries and geographies which provides significant operational efficiencies to our clients.

Spiktel has a team of over ~300 employees and have presence operations in India, Japan, Middle East and South East Asia. Spiktel provides Technology Solutions and covers hardware and software development for ICT, IOT, Robotics, AI, Blockchain and provide total turnkey System Integration solution.

Spiktel serves over 1,000+ clients worldwide. Established in 2010, Spiktel is headquartered in New Delhi, India and has opened branches in India and overseas. Spiktel provides Skill development and STEM education services and opens more than 15 centres in INDIA and Middle East.

## Industries

- ICT TECHNOLOGIES
- ROBOTICS
- IOT - AUTOMATION
- SOFTWARE & APPLICATIONS
- ARTIFICIAL INTELLIGENCE
- BLOCKCHAIN
- STEM EDUCATION
- SKILL DEVELOPMENT
- HUMAN RESOURCE

# SPIKTEL - IN & AROUND

2008

Founded in India as Spike Microelectronics Technology Inc , was into R&D & manufacturing of C & KU Band LNBF and Antenna for satellite communication.

2010

New company Launch as Spiktel Technologies Private Limited, start manufacturing Fiber optics passive products for enterprises and retail market .

2012

Starts manufacturing Active products and have a large portfolio of ICT , IOTs, Robotics and Automation applications.

2014

Global expansion as Spiktel International Co. Limited in Hongkong for worldwide Distribution and a subsidiary in Dubai as JME Global for software development like Blockchain, AI & machine learning etc.

2015

Start Education vertical for Skill Development for underprivileged society as CSR and develop 10+ centres in India and Dubai and providing them local & International placements.

2017

Develop STEM education learning programs for Industrie 4.0 applications like Industrial Automation, Robotics and Artificial Intelligence etc.

2018

Starts centre for Technical Intern Training Program ( TITP) under which Indian skilled manpower will be sending to Japan for 5 years job internship.



## OUR SOLUTIONS Information & Communication Technologies

SPIKTEL started journey with Telecom Infrastructure industry , was established with a vision to develop intelligent technologies to obtain ultimate perfection for sustainable society.



### 1. FIBER OPTIC NETWORK

Spiktel offering networking solutions for every needs through Fiber Optic Network, positioned strongly in tough geographies and high growth industries like Telecom, Power & Infrastructure with their bucket of Fiber Optics.

### 2. SECURITY & SURVEILLANCE

Spiktel successfully implemented significant projects for corporate customer, offering complete Integrated Security solution.

### 3. IOT AUTOMATION

Connecting industrial devices, systems, and applications to provide plant and enterprise personnel with actionable information.

### 4. WIRELESS INFRASTRUCTURE

Our Portfolio includes components and subsystems from the antenna connection to the baseband output.

### 5. SMART CITY PROJECTS

Spiktel expertise in designing the complex situations of traffic and people with our advanced hardware and software applications.

## Spiktel PRODUCTS

Leading & Cutting Edge Technology  
For Smart Future, Spiktel

### ACCESS LAYER NETWORK SECURITY SWITCHES

- Block Malicious Traffic in IPv4/V6 Network
- Prevent Data Leaking (blocking ARP Spoofing)
- Upto 100G SFP/XFP/QSP/CSFP Modules

### G PON SOLUTION SMART NETWORK MANAGEMENT

- 16/32 XG-PON +10G uplink Stackable OLT.
- 8 GPON + 2x10G uplink Standalone OLT.
- Multi options Gigaport ONUs with WiFi/RF.

### INDUSTRIAL SWITCHES UNMANAGED & MANAGED LAYER 2/3

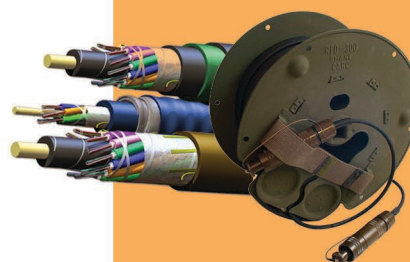
- Ruggedized Body for Harsh Ind. Environments.
- Unmanaged & Managed Layer 2/3 Options.
- Temperature range Upto -40 to +85 Degree.

### IOTS, SENSORS & GATEWAYS INTELLIGENT WIRELESS COMMUNICATION

- BLE 5.0 Low energy / RFID Gateway
- Wireless miniature infrared IoT sensor
- Hybrid microservices Integration Platform across networks and clouds

### OPTICAL FIBER CABLES OUTDOOR AND INDOOR

- ADSS & OPGW for Transmission lines
- Direct Buried Armoured & Duct Cables
- Tactical Military, LSZH Cable for FTTH & Indoor applications



# BLOCKCHAIN AND APPLICATION DEVELOPMENT



“ Spiktel Software verticle JME Global empowers technology innovation and value creation leveraging the power of Blockchain Technology. We build products and solutions for various industries notably Finance, Insurance, Healthcare, Manufacturing & Logistics.

## BLOCKCHAIN DEVELOPMENT FOR BUSINESS

We are a team of 20+ blockchain developers, researchers, marketers and strategic planners in Dubai who engage with partners in over 5+ countries, delivering the products that best suits your business requirements and we are the one who are making individuals aware about the most robust technology of decade i.e., Blockchain.

### CORE SOLUTIONS



BLOCKCHAIN CONSULTING

SMART CONTRACTS

HYPERLEDGER FABRIC DEVELOPMENT

### 4 PILLARS OF VALUES

- ACCOUNTABILITY
- COLLABORATION
- COMMUNITY
- FLEXIBILITY



### THE PLATFORMS WE'RE WORKING ON:



# BLOCKCHAIN TECHNOLOGY STACK

## Application Layer

Acts as the User Interface that combines business logic and customer interactions.



## Services and Optional Components

Serves to enable application operations with a view to connecting with other technologies and platforms.



## Protocol Layer

Decides the methods of consensus and network participation.



## Network Layer

Acts as a transportation medium and interface for the Peer-to-Peer network and decides how data is packetized, addressed, transmitted, routed and received.



## Infrastructure Layer

In-house infrastructure or Blockchain as a Service (BaaS) to control the nodes.



Created by 101blockchains.com

## BUSINESS SERVICES

Our team of highly enthusiastic and experienced professionals aiming to provide secure and convenient ecosystem to support Blockchain community.

## BLOCKCHAIN - END TO END SOLUTIONS

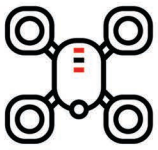
- Content Marketing
- ITO Marketing
- Telegram Promotion
- Market Making
- Exchange Listing
- Community Building
- Event/PR Activities

- Token
- Trading Exchange
- ITO Dashboard
- Cryptocurrency
- Wallet
- dAPPs
- Supply Chain

- Website
- Android Wallets
- Web Wallets
- Mobile Wallets
- Hard Wallets
- Web Application
- Android and IOS

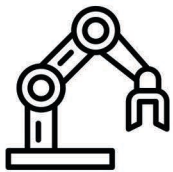
We work on TECHNOLOGIES





**STROBE**  
SPIKTEL ROBOTICS ENGINEERING

## ROBOTICS



### INDUSTRIAL ROBOTS

Serial and parallel manipulator

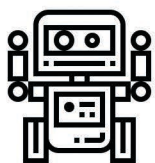
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|--|---|
| <input checked="" type="checkbox"/> Assembly       | <input checked="" type="checkbox"/> Welding           |
| <input checked="" type="checkbox"/> Palletizing    | <input checked="" type="checkbox"/> Inspection        |
| <input checked="" type="checkbox"/> Pick and Place | <input checked="" type="checkbox"/> Material Handling |



### SERVICE ROBOTS

Serial and platform manipulator

- Mobility Assistance
- Re-Habilitation Robots
- Vision based Robots



### EDUCATIONAL ROBOTS

Stem Education

- Embedded Robotics - Learning Kits
- Mechanical Designing/Modular Robots
- Tinkering Labs - Learning Kits



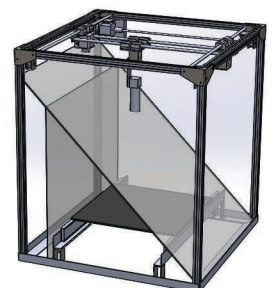
## INDUSTRIES we serve

- Pharma
- Agriculture
- Aerospace
- Life Sciences
- Automotive
- Machinery
- Electronics
- Metal Manufacturing
- Food & Beverages
- Plastics & Rubber
- Semiconductor
- Education

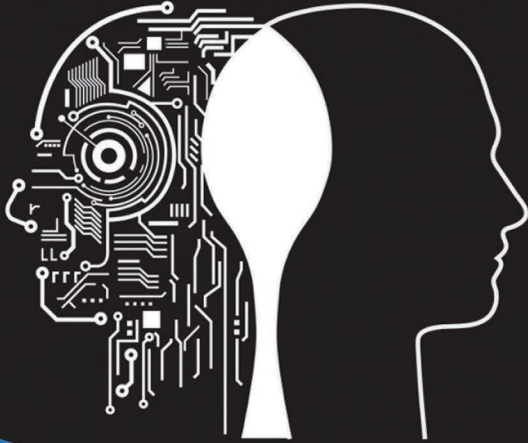


Antra  
Robotic  
Mannequin

Machine  
Vision





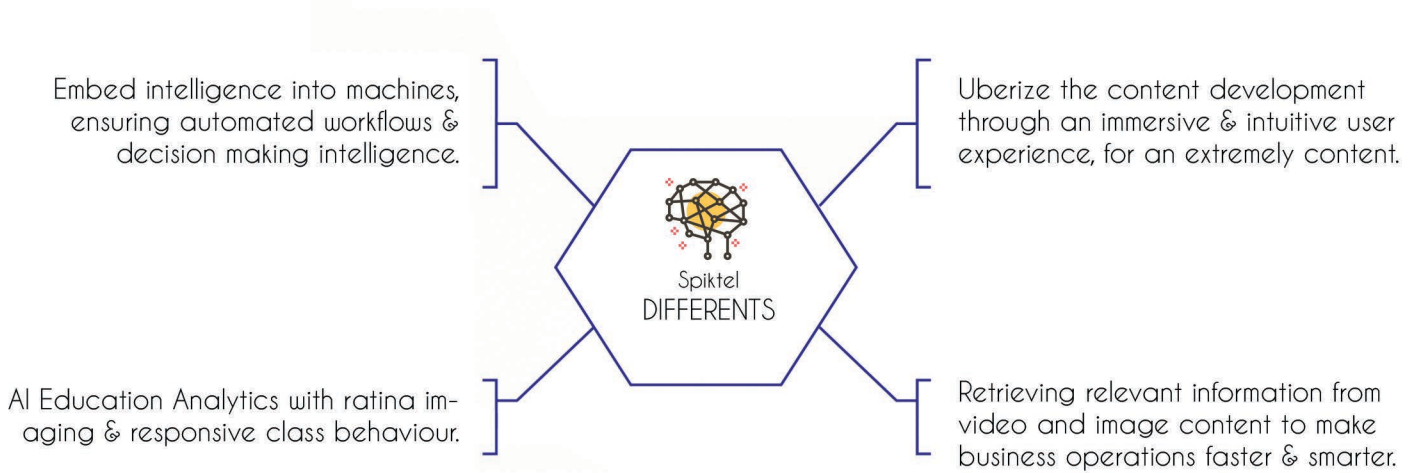


# AI ARTIFICIAL INTELLIGENCE

Artificial Intelligence (AI) is poised to disrupt our world. With intelligent machines enabling high-level cognitive processes like thinking, perceiving, learning, problem solving and decision making, AI presents opportunities to complement and supplement human intelligence and enrich the way people live & work.



Spiktel Technologies has decided to focus on five sectors that are envisioned to benefit the most from AI in solving societal needs :-



# SMS

## SPIKTEL MANAGEMENT SYSTEM

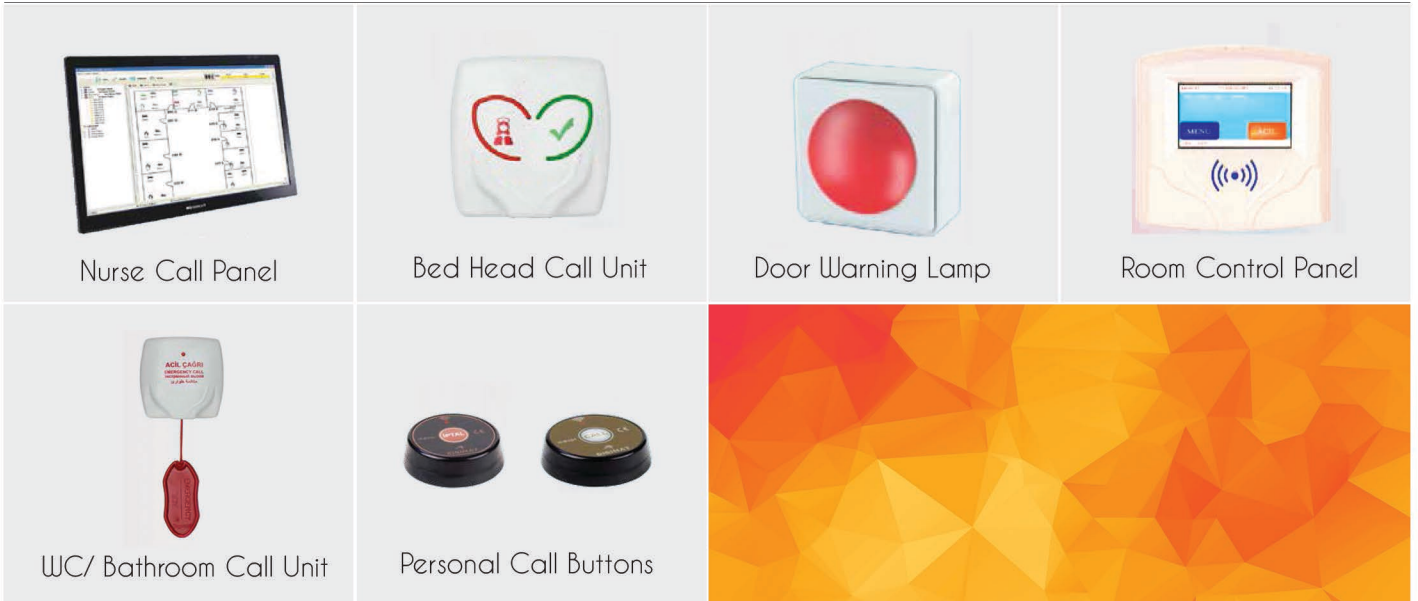


Spiktel Management System (SMS) is an integrated hardware & software solution to combine all the systems and processes of an enterprise.

Spiktel system can cater to market needs with the right tools and unrivaled support to develop smart Management systems for Hospitals, Hotels, Schools etc. lets you easily manage people, visitors, inpatients, emergencies. Moreover, if your business empire spans across multiple geo, SMS offers a centralized dashboard to view & manage with our wired and wireless, all in one solution.

QUEUE MANAGEMENT  
NURSE CALL SYSTEM  
ATTENDANCE SYSTEM  
MASTER CLOCK

### NURSE CALL SYSTEM (Wired and Wireless Solutions)



### QUEUE MANAGEMENT SYSTEM (Wired and Wireless Solutions)

### ATTENDANCE SYSTEM



### CENTRAL MASTER CLOCK SYSTEM (Wired and Wireless Solutions)





**SPIKTEL SKILL**  
skilling people empowering lives

### SPIKTEL NON-PROFIT VERTICAL

Spiktel involved in changing the lives of people through imparting skill development training in with partnership of various. It has trained thousands of youths and provided a platform where talented youths can deliver towards the development of country. It is bringing happiness in their families and empowering India.

#### ONGOING PROJECTS

- PMAY-G
- DDU-GKY
- DAY NULM
- ESDM
- PMKVY

#### EMPANELMENTS

- NSDC
- NULM
- MORD
- NASSCOM
- SSC-THSC, TSSC, CSDCI

#### OUR CENTERS

- JAIPUR - RJ
- VALSAD - GJ
- RANCHI - JH
- GUWAHATI - AS
- RAIPUR - CG



## SPIKTEL - HUMAN RESOURCE PROGRAM

Spiktel has trained and facilitated livelihood for 6500+ candidates in different skill sector till the date and place them in reputed companies (including National and International geographies.)



Spiktel works with the vision of India govt. to promote Indian Skilled Manpower to work overseas . We are proud to recruit thousands of numbers of workers overseas as well as in India on behalf of foreign companies, Indian companies, foreign government, Indian government, Multi National Companies, etc. every year. We are both happy & proud that, over the years, we have been able to find better jobs and life styles for thousands of workers of all skill level- semi-skilled, skilled, technical, non-technical, professionals . Spiktel works specifically by different countries skill mapping and evaluating the gap , and works for specific programs.

Spiktel focussing to map requirements of TITP interns as well as IT engineers and other Engineering job profiles which are in heavy demand in Japan, with help of our own Skill & training verticals we are trying to overcome Language & cultural barriers.

We provides Staffing solutions to Middle East countries for big project & companies.

- MOBILIZATION
 COUNSELLING
 ENROLMENT
- TRAINING
 ASSESMENT AND CERTIFICATION
- JOB FACILITATION /GUIDANCE IN RELATED LIVELIHOOD ACTIVITIES

The company follows a full life-cycle of Skill Development from Mobilization & Screening of candidates to certification under PMAY-G Project

## TITP - Technical Intern Training Program (JAPAN)

Spiktel empaneled as sending Organization with NSDC program with Japan govt. for Technical Intern Training Program and starts opening centres in India. Spiktel Learning Centres, is a dedicated training Institute, to prepare skilled manpower for Japanese TITP program that focuses on imparting Japanese Language & Cultural training, pre-dispatch training programs and other skills for a period of 5 years working in Japan. Spiktel also provide Japanese Language courses focussing to prepare IT engineers and other Engineering job profiles which are in heavy demand in Japan but get Language & cultural barriers between the two countries.

- ☑ Basic Japanese Language Course.
- ☑ Introduction to Japanese Culture.
- ☑ Knowledge of Japanese work ethics.
- ☑ Practical Training for particular Skills.
- ☑ Japanese Life and Working style info.
- ☑ 170 - 340 hours of excellent training.
- ☑ Placement and on the job Assistance .
- ☑ Trained by expert faculties of TITP India.

**3 LACS JOBS** Assured by JAPAN

**65<sup>INR</sup>K** Starting Salary upto 1.80 Lacs

**FREE** Visa, Air Tickets, Residence & Meal



### PROCESS OF RECRUITMENT

#### RECRUITMENT OF CANDIDATES FOR TITP

Selection of Appropriate Candidates with suitable skills and experience.

STEP 1

#### TRAINING FOR JAPANESE LANGUAGE

Selected candidate undergo 3-4 months training on japanese language and culture.

STEP 2

#### INTERVIEW WITH JAPANESE COMPANIES

Interview selection process will held with the representative of japanese companies.

STEP 3

#### VISA AND MEDICAL FORMALITIES

Medical examination and TITP VISA formalities done with help of SPIKTEL Center.

STEP 4

#### ONE MONTH TRAINING IN JAPAN

Technical interns shall take 1-2 months training operated by Supervising org.

STEP 5

#### TECHNICAL INTERN TRAINING TERM

The technical intern starts working and learning in Japan with the norms of TITP.

STEP 6



**ATAL TINKERING LAB**  
A PART OF ATAL INNOVATION MISSION INDIA

Spiktel empannelled with NITI AAYOG is setting up ATL Labs for schools accross India. We provide abilities for young champions to tinker their minds and develop something unique. Spiktel offers complete ATL Labs solutions for all 4 packages alongwith workshop and mentor training.

P1	Electronics Development, Robotics, Internet of Things and Sensors.	P2	Rapid Prototyping Tools (3D Printing & Filament)
P3	Mechanical, Electrical and Measurement Tools.	P4	Power Supply and Accessories and Safety Equipments.

**Benefits of your School's associating with us:**

- State of the Art - Next Generation Robotic & AI Lab.
- Get Trained by Professional and Certified Trainers.
- National & International Competition Preparation.
- E-learning Robotics Modules via AICRA.
- Annual Qualification Examination and Assessment.
- On-Campus Workshops or Certification
- STROBE club membership.
- Advance trainings on Artificial Intelligence, Augmented Reality, Ethical hacking, Big Data & Hadoop, etc.).

**ATAL SUPPORT**

- 4-5 Days Training
- Certified ATL Curriculum
- Prototyping Manuals



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