



Be Agile..Be in Demand

DLithe Consultancy Services Pvt. Ltd.

About Us

Bangalore | AIC-Nitte | Moodbidri | Manipal |
Belagavi | Gadag | Trichy | Ujire

Recognized by



www.dlithe.com



About Us

Founded in 2018, DLithe is a product-based EdTech company catering to IT organizations and has since evolved into a recognized player in the product development industry. With strong expertise across Embedded Systems, Software Development, Artificial Intelligence, and the Internet of Things, we bring innovation and domain excellence to every solution we deliver.

Our portfolio extends beyond product development to include digital transformation and competency development solutions tailored for the IT sector.

In academia, DLithe has built long-standing partnerships with leading educational institutions, driving competency development, research and development programs, and placement training. Our initiatives are designed to equip students with industry-relevant skills and prepare them for the rapidly changing corporate world. To foster innovation and applied learning, we also establish R&D and Incubation Centers within campuses, bridging the gap between academia and industry.

Organization
and Management

Arun Rajpurohit

Director

Sridhar Murthy

Director

Our Vision & Mission

- To support business functions to achieve **Customer Experience and Operational Excellence.**
- **To build an agile workforce** that is competent in Domain, Technology & Personality, catering towards global industry needs.
- We are committed to providing cost-effective quality services to corporates and academics to achieve their goals.





Be Agile..Be in Demand

Since inception 2018

“Lead by industry professionals with two decades of experience in IT Delivery Excellence, Human Resource Management, serving Academics and Corporate”

5,00,000+	29,02,000+	45+	10
RESOURCES MENTORED	TRAINING HOURS	ACADEMIC INSTITUTIONS	DEVELOPMENT CENTRES

Specialisation

AGILE

Software Development

- UX Design
- MERN Stack
- Java Full Stack
- DotNet Full Stack
- Mobile apps - Android
Java, Flutter

Niche

- Embedded systems
- Internet Of Things
- Robotics, Drone
- Artificial Intelligence
- Cyber Security
- Blockchain
- CREO / Product Design

Domain Exposure

- Manufacturing
- Aerospace
- Banking & Finance
- Insurance
- Healthcare
- Retail
- Transportation, Fleet
Management
- Agriculture and many more

Blend of
Domain, Process & Technology

Competency Development

Live Sessions

Placement Training

Quantitative Aptitude
Gaming Aptitude
Verbal Reasoning
Pseudo Code
Coding & testing
Resume building
Mock GD, Mock Interviews
LinkedIn

Tool Based Practice

Unlimited practice tests using an AI-based online tool

Circuit and Non Circuit Branch

Department Needs

Internship's Lab setup
AICTE HTTP Workshop's FDP's
Course design
Product development
Company specific bootcamps

Outcome Based

- Automata, Ninja, Codevita
- Hackerrank, Hackerearth
- Github / Repositories
- Technical blogs
- LinkedIn
- Demo's
- Startup idea's, incubation support

Journey with Academics

**20
21** > **M. Sc Cyber Security**
Cyber Security Syllabus design, Lab implementation, paper setting and Evaluation at Mangaluru university

**20
21** > **Microprocessor Lab**
Replacement of Legacy microcontrollers with ARM cortex M3series Microcontroller lab - implementation at NMAMIT Nitte



**20
22** > **Product Development**
io CUBE - In house Design and Development at AIC-Nitte



**20
23** > **Research in progress**
Design and Development of Robotics arm massager with Human touch at DSU Trichy
Conceptualization of Humanoids using GPTs

**20
23** > **Continuous Integration program**
Highlights early engagement and prepare the students well in advance to meet the future corporate requirements @ SDMIT UJIRE, JCER BELAGAVI, AIMIT BEERI and many more institutions.

**20
24** > **Product Development**
Manipal Skill Development Centre - STEM Kits, Product development

Onwards

Since inception 2018

Customized Programs

- Placement Training
- Integrated Training
- Workshops, Seminars
- Faculty Development Programs
- Research & Development
- Hackathons
- Client specific trainings

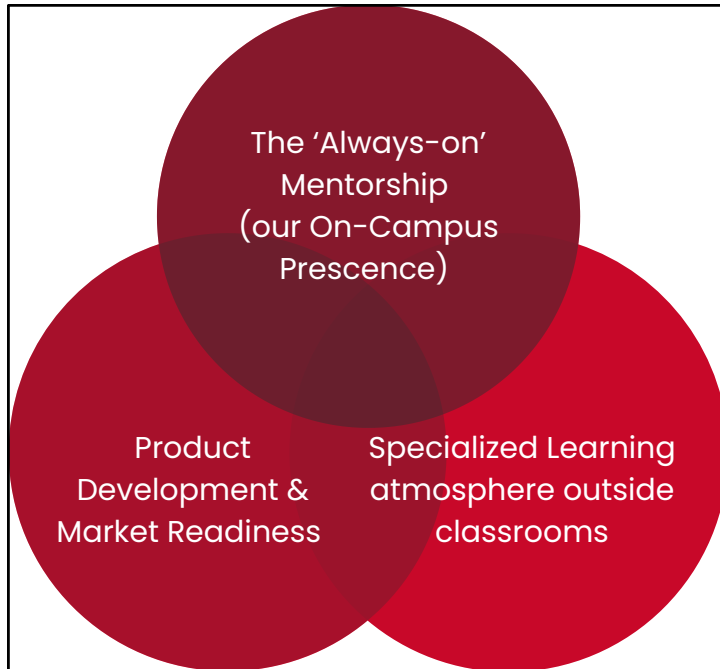
Domain, Agile Process, Cx & Ox, Technology

Services to Academics

- Pre-placement training
- Webinars/Seminars
- Faculty Development Program
- Hackathon
- Workshops
- Certification Programs
- Internships (On campus / Bengaluru)
- Microcontroller Lab set up
- Technical training - from 3rd Semester onwards
 - Incubations set up
- Robotics lab setup
- Cyber Forensic Lab setup
- IOT Lab setup

**Internship on IoT, Data Science, Front end development,
Cybersecurity, Robotics, AIML and many more**

Empowering Campus Innovation: Our Incubation Model



COE's @



Enabling students post academic hours to work on proof of concepts, product development

Services to Corporates

20
19
**Softvent**
Services Pvt.Ltd
Concept Oriented.
Bootcamp - VB.NET to
.NET Core - Application
migration

20
21
**tietoevry**
**Campus to Corporate &
Bootcamps:**
Upskilled and onboarded
150+ candidates on Full
stack- Java & .Net,
Database stream,
Automation Testing,
Cybersecurity - BFSI,
Retail, Leadership
trainings, Groom
potential

20
22
**TREBOUND**
Mobile application
development,
Interns
involvement -
Healthcare

20
22
**GSQUARE**
Application scaling
using Apache Kafka,
followed by resource
deployment -
Healthcare

20
23
**International
DATALYZER**
Partners in Continuous Improvement
Campus to Corporate,
Bootcamps -
Technology, .NET Full
stack

20
24
**Datafor
Decisions**
Values, Preferences, Beliefs
Bootcamp - Technology
based - Java, Python Full
Stack, Frappe

20
25
**AtkinsRéalis**

- Six Sigma Training
- Business Communication
Training

20
25
**tekchant**

- Building an Edge-Based
Human-Elephant
Mitigation System

Key Services:

Leadership training, Technology Training, Content Development, Compliance & Quality

Onboarded and trained 500+ resources while meeting the expectations of the client

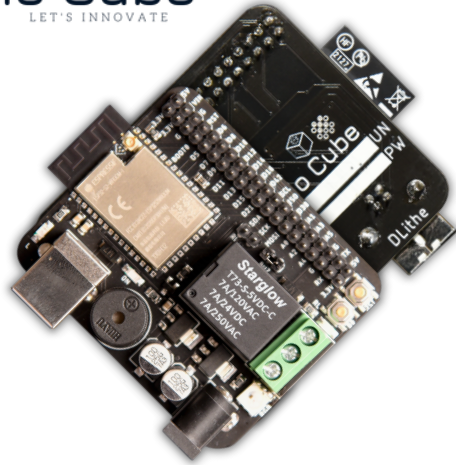
Product Shift To



Being a Technology oriented company, we progressed towards **Product development** sector after understanding the need of **Innovation & R&D**. **All our products are now part of nxtAlign**

Our vision is to bring out the potential innovative solutions towards industry 4.0 and 5.0 transformation that will contribute to enhancing customer experience with cost effective products to the industry players and end users.

innovation.



io Cube IoT DevKit Module [WiFi]

Rapidly and easily get started with learning IoT using the io Cube Wifi Devkit, which have a great appeal to STEM learners, enthusiasts, Makers, Engineers and schools alike. This board can be used to teach students about fundamentals of programming, Interfacing sensors, Cloud connectivity, Sensor node, Edge IoT, Automation and Robotics.

SoC

ESP32-S2 with 40
GPIOs

Clock

Frequency
Up to 240 MHz

Memory

320 kB SRAM,
128 kB ROM,
16 KB RTC

Built-in

Relay Buzzer &
Neopixel

Security

RSA-3072-based
trusted application
boot

ioCube

Ver 2.0

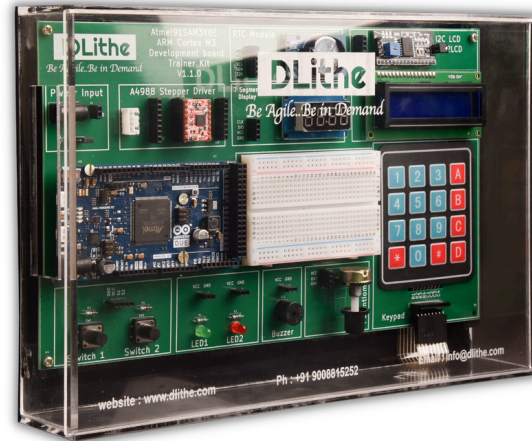
The ioCube Devkit Ver 2.0 is an ideal entry point into the world of AIoT (Artificial Intelligence of Things), designed to make learning both engaging and accessible for STEM learners, makers, educators, and engineers. With its intuitive interface and versatile features, this development board enables beginners to grasp core concepts such as programming, sensor and actuator interfacing, edge computing, cloud connectivity, and automation. It also supports AI integration, allowing users to explore intelligent data processing at the edge. By working hands-on with real-world components, learners not only build technical skills but also develop critical thinking, collaborative problem-solving abilities, and a deeper understanding of how AI and IoT converge to shape smart, connected systems.



DLM-1.0

ARM Cortex M3 Based MCU Trainer Kit

DLM-1.0 board ideal for Understanding Architecture of ARM Microprocessors, GPIO, Peripherals, Sensor interfacing, Communication protocols and other demanding application areas where ease of access and technology support with in-circuit hardware upgradeability is of very important.



ADC input

10 K POT

Digital Input

Tactile Switches 4x4
keypad

System Time

RTC DS3231

Clock Speed

84 MHz

Digital Output

LEDs, Alphanumeric
LCD, Buzzer

A4988
Stepper Driver

AgriIntel

Revolutionizing Indian Farming with AI-Driven Precision Agriculture

AgriIntel is an end-to-end precision agriculture system built around IoT sensors, AI-powered analytics, and hyperlocal weather forecasting. At its heart is a robust IoT stack driven by an ESP32-S3 LTE-enabled microcontroller connected to a suite of environmental sensors that monitor

- Soil moisture
- Temperature and humidity (DHT11)
- Rainfall detection
- Wind speed
- Air pressure



Edge-Based Human–Elephant Mitigation System

Human–Elephant Conflict (HEC) continues to endanger both rural livelihoods and elephant conservation, often leading to crop losses, property damage, and fatalities. To address this, we are developing an **Edge–Based Human–Elephant Mitigation System** that leverages real-time AI and edge computing to detect and prevent such incidents proactively. The system is designed to be intelligent, locally responsive, and effective even in areas with limited connectivity.

It employs a **network of edge devices with cameras, microphones, and motion sensors placed along forest fringes and farmlands**. These devices run lightweight ML models locally to identify elephant movement patterns and trigger deterrent mechanisms such as warning lights, sirens, or voice playback. Simultaneously, **automated alerts are sent** to forest officials and villagers through GSM, LoRa, or Telegram for timely intervention. Over time, the system learns from local behavior, continuously improving its accuracy and responsiveness.

Innovation – POC's/Products completed

- Implementation of IoT Based Solar powered mobile Cold Storage
- IoT enabled dog feeder, BMSIT Bengaluru
- io Cube IoT Devkit 2.0
- SmartCert – Automated Certificate Generation Tool

Technology Transfer by college

- Smart kitchen
- Non invasive glucometer



Innovation Ready for LAUNCH

- DIY Kits for STEM Education
- Agri-intel; AI-Driven Precision Farming
- TalentIQ - Assessment Tool

UPCOMING Innovation

- R&D of Robotic Surgical Arm for dissecting human body anatomy and cavity at DSU-Trichy
- Robotic massager Arm with human touch using pneumatic based Artificial muscles
- Conceptualization of humanoid
- Development of Virtual Reality based real estate and interior application
- IoT Based kitchen cabinet and the method of stock monitoring
- IoT based water level controller for household



OUR CLIENTELE



Academic

OUR CLIENTELE



Corporate

Client Testimonials



Be Agile..Be in Demand

Mr. Bharath Kumar
G - Placement
Lead, NMAMIT,
Nitte

We appreciate the resourceful training sessions conducted to our students, the internships provided was indeed of great quality..we have received very good feedback from students. various mock tests conducted enabled them to crack aptitude and technical online assessment. Look forward to having a long term meaningful association with Dlithe.

We are happy that we are able to place a good number of students to reputed MNCs, and DLithe has been our growth partner since many years. Our students have given good feedback on the DLithe trainings and have expressed their gratitude. We sincerely thank Dlithe for supporting us in industry interface and we look forward to a long-term fruitful association.

Dr. P Ganesh -
HOD MCA -
Placement Officer,
BMSIT, Bengaluru

DLithe is the best place for GenZ students to learn on cutting edge technologies through ample hands-on and expert mentoring. Our students have got benefitted to finally land with competent opportunities among peers.

Dr. Ashok Kumar
- Principal,
SDMIT, Ujire

Client Testimonials

**Brig (Dr) Surjith Singh
Pabla – Chairman,
MSDC, Manipal**

It is a pleasure to recognize and appreciate the remarkable contributions of Dlithe in engaging MSDC students through impactful upskilling programs and dedicated mentorship. Their consistent support in promoting Research, Development, and Innovation has greatly enriched the learning environment across our institutions.

Over the past two years of our association, Dlithe's commitment to connecting academic learning with industry practices has empowered our students to think innovatively, tackle real-world challenges, and build future-ready skills. This collaboration has played a vital role in nurturing a strong culture of innovation and continuous learning within MSDC.

We deeply value our association with Dlithe and look forward to continuing this meaningful partnership to further enhance the holistic growth and professional excellence of our students.

**We look forward to
connect with you,
Thank You**



FOR FURTHER DETAILS, CONTACT:

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Vishnuvardhan Rd, Phase 3, Banashankari,
Bengaluru, Karnataka-560085

Also reach us at below Incubation and R&D centers

Bangalore | AIC-Nitte | Moodabidri | Manipal |
Belagavi | Gadag | Trichy | Ujire | Mandya

www.dlithe.com