KNOWX
Beyond Innovations

MEMORANDUM OF UNDERSTANDING
KNOWX INNOVATIONS PVT LTD.,
AND

K. S. INSTITUTE OF TECHNOLOGY BANGALORE

Purpose

K.S. Institute of technology an Institution for Higher Learning & Research & **KNOWX INNOVATIONS PVT LTD IS** a Software, Embedded Hardware design & Telecom company with educational products & services, with one of its key focus on Research and Development in the field of Embedded Systems & Telecom . Both Parties recognize the value of the National dimension of the activities and the mutual development of Research, Teaching, Curriculum development; Extension and Quality Assurance activities.

Two Parties agree to commit the necessary and possible resources to explore opportunities for

- Exchange of staff and students
- Joint Research and Development and product development.
- Joint Research / Extension Publications
- Jointly organizing Workshops / Seminar / Conferences and participation of scientists through Institutional Alliance Programs.
- KSIT wants to collaborate with KNOWX Innovations Private Ltd., on specific areas such as

  - ➢ Technology Transfer issues
  - ➢ Collaborations in the sharing of academic data; scientific information; intellectual property, articles and publications.
  - ➢ Embedded System / VLSI / Digital Signal Processing/IOT/WEB/AI-ML, R&D and product development.
  - ➢ Curriculum & Content development for Learning & Training
  - ➢ Any other mutually agreed areas – like sharing of Technical Know- How; Corporate Alliance Program, building a quality talent pool, thereby bridging the gap between the Industry and academy.

A nodal scientist / officer will be nominated from both sides and he / she will be responsible to lead these developments and maintain appropriate communication through visits and regular contacts by e-mail.

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Background

Knowx Innovations Pvt Ltd., was established in the year 2005 by a group of Tech-Savv professionals with a multifaceted hardware and software background focused on engineering services and IT staffing solutions. **Having its registered office in #56 II flr,17th cross,8th main MC layout,Vijayanagar Bangalore-560040.**

KNOWX has in depth expertise in developing embedded and real-time software for various domains, including Multimedia, Automotive, Networking, Telecom, aerospace and defence, cloud, Wireless,IOT(Internet of things),Bigdata,AI and education. We specialize in Systems Design, Custom Software Development, Firmware, Data Mining, Data Analytics, and Driver Development. KNOWX has executed projects using most of the popular Embedded System chips and Operating Systems. Our strength in Embedded Systems Software and Hardware Design and Development makes us one stop partner for product development and R&D and capable of handling the entire development cycle from concept to final product realization.

KSIT has been in education for 25 years, offering all major professional courses through its colleges at a sprawling campus in Kanakapura Road Bangalore. The KSIT run with state-of-the-art infrastructure and provides an excellent academic atmosphere and encouragement to performing Students and staff under an enlightened and dynamic management. KSIT is willing to collaborate and Incubate Knowx Innovations Pvt Ltd in order to engage the students and faculty in research and development activities.

It is agreed as follows:

1. Both the parties, whilst recognizing the integrity and policies of each other, agree to work together in a spirit of partnership towards achieving the following objectives:

   Objective of Knowx Innovations Pvt Ltd

   - Creation of technology based new enterprises,
   - Creating value added jobs & services,
   - Facilitating transfer of technology,
   - Fostering the entrepreneurial spirit,
   - Research & Development of New Projects/products,
   - Speedy commercialisation of R&D output/product,
   - Specialised services to existing SMEs.

2. Internships for final Year UG/PG students as per the VTU guidelines. Here students are trained in various industry domains/technologies with hand on real-time projects

Sl no	Activity	Fee	Min-No of students p
1.	Offering internships to UG (CSE & allied branches, ECE)students in IOT, Web Applications & Development,, AI/Machine learning, Embedded system Design. VLSI ,Full Stack WEB development	As per Discussion	As per Discussion

3. Workshops with industry collaboration.

Connecting students with industry is a vital component of this Program. The program collaborates with industry through practicum courses, seminars, workshops, and special events. The program's Industrial Advisory Board guides ensure students develop the knowledge and skills required to succeed in the industry.

SEMINARS, WORKSHOPS, AND SPECIAL EVENTS
Weekly/monthly seminars offer students the opportunity to interact with top industry leaders, experienced business management, entrepreneurs, venture capitalists, and small-business owners. Designed to introduce students to different aspects of business and industry, seminars also include a reception where students can talk one-on-one with speakers and network with their peers. KNOWX unique workshop series allows students to further develop business skills in an intensive, interactive environment. Topics selected through input from industry, program administrators, and students. Topics have included teamwork, negotiation, business etiquette, communication, and leadership.

High Lights of the workshops.

- Embedded systems design.
- Internet of things, Bigdata.
- Artificial Intelligence, Machine Learning, Python Programming
- Commercializing New Products
- Corporate Recruitments.

4. KNOWX/KSIT – will provide all the materials to setup lab as below.

Sl no	Lab Equipment	Numbers
1.	Computer systems	At college
2.	Embedded systems development boards for development	10
	IOT Development kits.	10
3.	Embedded software tools.	
	IOT sensors for project development	10
4.	Miscellaneous components.	
	Power supply/cables	Six sets

5. Placement opportunity to trained students:

At Knowx Innovations Pvt Ltd, A software and hardware design solution company, we believe that building core technical skills for young minds have great potential to solve problems and create opportunities for the world. Our internship offerings have great potential to develop employability skills among the budding engineers and entrepreneurs. Internship programs are a doorway to their career journey. Our interns work on real time projects to solve real word problems while being closely mentored and coached by experienced employees. So that at the end of internship tenure, each intern will be optimistic to take up any challenges in their careers.

The company is associated with more than 300 MSME and 200 technology start-up companies in Bangalore and other parts of the country, we will arrange the campus recruitment drive for the trained engineers across the various domains. So far we have successfully placed more than 500 students during 2017-2018. There is a massive demand for skilled manpower in the industry for the fields like WEB APPLICATION DEVELOPMENT, IOT Architects, CLOUD applications, ANDROID & IOS DEVELOPERS, and DATA SCIENTISTS. MACHINE LEARNING, EMBEDDED SYSTEM ENGINEERS, Company is planning to have a mega campus recruitment drive for 2019 passed students.

The objective of KSIT college.

- Opportunities for Industrial R&D
- Exchange of Knowledge and Expertise in University Community
- Source of R&D Funding
- Consultancy Opportunities for Staff
- Technology Transfer thru' Secondment/Internship for students.
- Entrepreneurial Opportunities.
- Curriculum Development
- Adjunct Staff from Industry

2. **Intern Network**. KSIT to provides a talented, affordable work pool as interns for special projects on an adhoc or ongoing basis, on areas of particular use, but are not limited to, graduate level technology. KSIT should identify internship directors and establish a process that provides Knowx Innovations Pvt Ltd with the means to identify, screen, and recruit interns.

3. **Non Disclosure Agreement by Interns:** Interns have to sign a Non - disclosure agreement with Knowx Innovations Pvt Ltd, Agreement contents will be shared along with this MOU as Annexure.

4. **IP Rights**: Projects/Products developed & conceived during incubation at KSIT will be Joint property of Knowx Innovations Pvt Ltd and KSIT and will be patented if required.

5. **Additional Facility Requirement from the Institution.**
Infrastructure for high-speed data communication is an important feature in technology incubator facilities. Other desirable features include:

- Minimum of 1200 to 2000 SFT of space.
- Access to conference/training rooms.
- Internal LAN/WAN cabling
- 5 day a week, 6 hour day access

6. **Disputes**: If any dispute or difference cannot be resolved between the Parties by active, open and good faith discussion, the Parties will enter into mediation. However, this Memorandum of Understanding (MoU) may be terminated immediately by either party should this Memorandum be seriously breached by giving at least 3 months notice.

7. **Review**: The Parties will meet to review the operation of this MoU six months after signing, and at least annually after that.

8. **Amendment**: This MoU may be amended at any time by agreement in writing (including email) between the Parties.

Partnership Values

The Parties agree to:

- Work as a team ("the Team").
- Support each other in finding the most efficient ways to deliver the Project requirements.
- Be open, frank, honest and constructive in all dealings with each other.
- Share work equitably and reasonably, consistent with agreed arrangements.
- Use this MoU as a benchmark against which each Party, and the Team as a whole, can set its approach to potential issues of conflict between them as work progresses.

Breach of Agreement – ECE Department of KSIT shall have the right to terminate the agreement with **KNOWX INNOVATION PVT. LTD.** in case the either fails to provide the services successfully as mentioned in the agreement, or violates any of the clause mentioned in the MOU, or exploits the students or misuses the partnership with **KSIT** in any way.

Term

This MoU commences on **5th Dec 2023**. Both Parties and will continue at least for three years until terminated by either of the Parties.
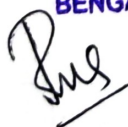
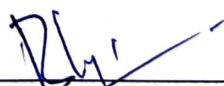### Executed as a Memorandum of Understanding

Signed on behalf of *KSIT* by:

Signature: _____

Name: Dr. Dilip Kumar K
Position: Principal & Director

PRINCIPAL
K.S. INSTITUTE OF TECHNOLOGY
BENGALURU - 560 109

Signed on behalf of
Knowx Innovations Pvt Ltd by:

Signature: _____

Name: Mr. **Bhimsen G V**

Position: CEO KNOWX INNOVATIONS PVT LTD.,