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दि. २६.०४.२०२३ वि.क्र. ५८०९ मुद्रांक शुल्क रक्कम १००/-

दस्ताचा प्रकार/कारण-

बँक/कर्ज/हमीपत्र/करारपत्र/प्रतिज्ञापत्र/पार्टनरशिप/संमत्तीपत्र/संचकारपत्र/वटमुखत्यारपत्र

मुद्रांक विकत घेणाऱ्याचे नांव डॉ. डी वाय पाटील प्रतिष्ठान कॉलेज ऑफ इंजिनिअरींग, कोल्हापूर

हस्ते नांव व पत्ता ऋषिकेश निकम

मुद्रांक विक्रत्यांची सही-

परवाना तसेच मुद्रांक विक्रीचे ठिकाण व पत्ता- सौ.जयश्री महेश धाडणकर (स्टॅम्प व्हेंडर)
लाय. क्र. ७/२००३ कोड नं. २६०१०३०
२४६८'ए' वॉर्ड, वरूणतीर्थ वेश, कोल्हापूर.

मुद्रांक विकत घेणाऱ्याची सही-

TREASURY OFFICE KOLHAPUR
20 APR 2023
STAMP HEAD CLERK
TREASURY OFFICE
KOLHAPUR (M.S.)

Memorandum of Understanding

This memorandum of Understanding (MOU) is signed on **25TH** day of **April** 2023 between Go-Green Technologies Pvt. Ltd. 101, B3-Divyam Heights, Gilbert Hill, Andheri-W, Mumbai-58 and ***Dr.D.Y.Patil Pratisthan's College of Engineering, Salokhenagar KOLHAPUR (DYPCOESN)***

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❦ *Go-Green Technologies Pvt. Ltd.* background and credentials:

Historically India was known for its self-reliance and world-class education system. Our share in the world GDP used to be as much as 25 percent. Due to several reasons, we have lost our past glory. Though we are celebrating 75 years of independence, we are struggling to establish our own identity in the global market. We have shown our capability to the world by boosting the nation's literacy in a short period through mass education. However, there is quality education, employability and creativity are a few of the many things in which we are lagging. Though the Government of India is reforming the current education system by announcing the new education policy NEP-2020, the outcomes are doubtful.

In this era of Industry-4.0, the expectation from every product that is being launched is to be smarter than the earlier one. Unfortunately, our education system is neglecting the hardware sector which is essential for any product that is launched. Most universities are offering courses related to Computer science, Data Science, and AI/ML. However, they fail to realize that this bubble will blow off in a few years. Because if we go ahead without understanding where the data is coming from and the hardware architecture, we will once again miss the bus of global competitiveness and manufacturing.

With a good amount of academic, and industrial experience we are developing the technologies that will bridge the gap between a. Industry and Institute, b. Software and Hardware, c. Real-Time Systems, and Computer Systems. We strongly believe that 'activity-based learning' i.e. Doing it yourself is the only 'Mantra' to make our country competitive and self-reliant. We need to create an environment where a creative mindset, self-contribution, and learning beyond the syllabus happening.

With our vast experience we have developed an Integrated Development Environment (IDE) i.e., 'IoT based Mobile Lab' where the learner can implement

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a hardware and software design anytime, anywhere. It doesn't require a conventional laboratory setup or equipment like Power supplies, Function generators, and a Digital Storage oscilloscope.

This will allow every individual student to become self-reliant and develop his/her personality. The direct benefits of this platform are employability, creativity, and entrepreneurship along with some indirect benefits like cost saving to laboratories of the institutions where each setup requires lakhs of the worth of equipment, which will reduce the import cost of lab equipment and also fees charged from the trainees can be reduced. In the long run, the benefits are self-sustainability and global manufacturing and mobility.

Since the main USP of our products is reducing the cost and providing a user-friendly environment, we developed a system in such a way that the common resources like Digital function generator, Digitization, Signal conditioning, I/O devices, and Communication are on the Baseboard. The subject/area-wise common resources shall be provided on the Piggyback boards.

By collaborating with various eminent faculty and institutes these features can be further customizable. It will provide a great opportunity to train the trainers, built local activity centers, content development, and Real-Time hardware skills development. Since Electrical Vehicles and Battery charging stations are going to be the next big thing, our country badly requires new infrastructure and manpower to handle digital power electronics.

The further score of work is the development of Piggyback boards for Linear Integrated Circuits, Electronic Devices, Basic Electronics & Networks, Digital Power Electronics, Signal conditioning, Embedded Systems, IoT, and Cyber-Physical Systems. At the advanced stage, these systems can be integrated into Mobile, Cloud, and LMS networking platforms.

- *Go-Green Technologies Pvt. Ltd* formerly known as Emtron technologies is an IIT-Bombay alumnus venture and it is recognized as a Startup company by the

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Government of India. Currently, it is incubated at Sardar Patel Technology Incubation Center (SP-TBI), Bhavans Campus, Andheri-W, Mumbai-58. For the past twenty years, we are in the field of developing customizable solutions forCyber-Physical Systems, and Digital Power Electronics applications. We have in technical collaboration with Sardar Patel Institute of Technology, which is one of the reputed institutes in India, under the umbrella of Bharatiya Bhavan, which is a trust of national eminence.

Background of *Dr.D.Y.Patil Pratisthan's College of Engineering, Salokhenagar KOLHAPUR(DYPCOESN)*

Dr D.Y. Patil Pratishthan's College of Engineering is located at Kalamba Ring Road, Salokhenagar Kolhapur- 416007, being the brainchild of its visionary founder, **Dr. Sanjay D. Patil**, DYPCOESN established in 2014, managed to craft a niche position for being a one-of-its-kind undertaking that focuses on value-based education. Knowledge of Engineering Sciences apply knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the conceptualization of engineering systems. Design and development of solutions, design solutions for complex engineering problems and design systems, components or processes, Creating engineers with a sense of professional, ethical and sustainable approach in problem solving.

Alliance Objective

The scope of the MoU and the roles and responsibilities of the parties of the MoU are given below

1. *Go-Green Technologies Pvt. Ltd* and ***DYPCOESN*** will engage in cooperation in Research and Development primarily in the field of Real-time Software and hardware development, Applications of Science in Engineering.

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2. ☿ *Go-Green Technologies Pvt. Ltd.* agrees to take lead in offering research internshipsto the student community of ***DYPCOESN*** that is mutually beneficial.

3. ☿ *Go-Green Technologies Pvt. Ltd.* will help ***DYPCOESN*** in setting the activity-development center of ***DYPCOESN*** and develop the student's community to conduct various activities like idea competitions, Hackathon, and Exhibition time to time.

4. ☿ *Go-Green Technologies Pvt. Ltd.* shares our expertise in mentoring students and faculty of ***DYPCOESN*** in entrepreneurship skills, startup companies, and Innovative Development activities.

5. Research activities and joint research projects/proposals to be undertaken, the expertly will be provided by ☿ *Go-Green Technologies Pvt. Ltd.*, ***DYPCOESN*** will offer infrastructure and laboratory facilities when necessary for a limited period. The outcomes of such joint research shall be shared as per the agreements made from time to time and case to a case basis.

6. Research & Development facilities of ☿ *Go-Green Technologies Pvt. Ltd.*, at Nandigama, Vellanki and Mumbai will be offered to ***DYPCOESN*** students at no cost. However, the expenses for travel, accommodation, and food expenses are not within our scope.

7. Though the training, guidance, and assessment are voluntary contributions from our side, however, the hardware material, IP, Copyrights, Publications, Exhibitions, and certification expenses are not within our scope.

8. While developing a Product if any resources are shared by ***DYPCOESN***, or contributions made by the students and faculty of ***DYPCOESN*** towards the

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product, after commercialization of the product profit generated out of that product shall be shared with the contributor. The percentage of revenue share between Go-Green Technologies Pvt. Ltd. and the contributor shall be discussed and deliberated on a case-to-case basis. A separate agreement shall be made between the parties accordingly.

Implementation Plan

To begin with Go-Green Technologies Pvt. Ltd. will help to set up an activity development center at ***DYPCOESN***. This setup can be used by students, faculty, and the institute to conduct idea competitions, Hackathons, and Research internship programs.

Monitoring of Implementation

A coordination committee consisting of two faculty (Senior & Junior) members ***DYPCOESN*** and Go-Green Technologies Pvt. Ltd. will do the planning and monitoring of the implementation of the various aspects of this MoU. There would be quarterly and annual reviews. These reviews would primarily focus on the progress of the Internship activities, Proposals, Projects, and Research.

Mutual Obligation

1. This MoU may be terminated by either party through a notice of one month. Either party may terminate this MoU if either of the parties is frustrated by reasons beyond its control from going ahead with the implementation of the provision of this MoU.

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2. There shall be no liability on the part of any party to the other arising from the termination of this MoU.
3. This agreement may not be amended without the prior written consent of both parties.
4. Neither party shall issue any press release, public announcement, or other such disclosure concerning this Agreement without the other party's consent as to such release or announcement.
5. Intellectual Property Rights: IPR titles or ownership of any products, proprietary information or technology tools, processes, utilities, and methodology including any ☤ Go-Green Technologies Pvt. Ltd proprietary products or components thereof used hereunder or development of any deliverables and all new ideas, inventions, innovations, or developments conceived, development or made by ☤ Go-Green Technologies Pvt. Ltd hereunder will not be transferred from ☤ Go-Green Technologies Pvt. Ltd to the Institute on account of the use of the same as part of any work under this MoU and shall always remain with ☤ Go-Green Technologies Pvt. Ltd.

Summary

☤ Go-Green Technologies Pvt. Ltd recognizes the significance of the "Dr. D.Y. Patil Pratishthan's College of Engineering, Salokhenagar, Kolhapur. Initiative to be the leader in the field of Cyber-Physical Systems related academia in the country. ☤ Go-Green Technologies Pvt. Ltd proposes to make available the appropriate technology and expertise to develop a ***DYPCOESN*** position as a leading institute in the country providing high-quality resources.

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This Memorandum of Understanding is intended to express the broad understanding of the parties regarding their working with each other to the extent possible for their mutual benefit.

In written whereof both parties put their hard seal on the day, month and year herein mentioned.

Date: 25thApril2023

Principal

"Dr. D.Y. Patil Pratishthan's
College of Engineering,
Salokhenagar, Kolhapur

E-mail:mane.suresh@gmail.com

Telephone: 9448433574

Signature:

Dr. Suresh Mane

Date: 25thApril2023

Go-Green Technologies Pvt. Ltd.
101, B3-Divyam Heights,
Gilbert Hill, Andheri-W,
Mumbai-58

E-mail:gogreenramakrishna@gmail.com

Mob: 9820962870/9137692917

www.yrkmgstc.in

Signature:

Dr. Y S Rao

Witness.

(Prof. S. S. Deshpande)

Dr. D. Y. Patil Pratishthan's College of Engineering, Salokhe Nagar, Kolhapur

Yerrareddy's Go-Green Technologies Pvt. Ltd. Andheri (West) Mumbai 400058

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