

## Report on Direct Involvement in National and Regional SDG Policy Development

### 1. Institutional Overview

Woxsen University demonstrates direct and substantial involvement in shaping, informing, and supporting SDG-related policy development at both national and international levels.

Through interdisciplinary research, policy partnerships, and global collaborations, Woxsen contributes to:

- **Identifying key developmental challenges** in health, education, gender, and innovation.
- **Developing strategies and models** to achieve SDG targets.
- **Providing empirical data** to national and regional authorities.
- **Monitoring and enabling adaptive management** of sustainability interventions.

The University's leadership in policy-oriented research and cross-sectoral partnerships positions it as a critical academic actor in India's and the Global South's SDG governance ecosystem.

### 2. Strategic Policy Collaborations

| S.No. | Partner / Organization   | School / Unit | Aligned SDGs | Policy-Level Contribution & Outcome                                                                                    |
|-------|--------------------------|---------------|--------------|------------------------------------------------------------------------------------------------------------------------|
| 1     | <b>Edubuk</b>            | AIRC          | SDG 16       | Supports transparent governance and quality-education data systems; provides AI-enabled insights for education policy. |
| 2     | <b>Scubaverse</b>        | AIRC          | SDG 15       | Provides marine sustainability data for environmental and biodiversity policy frameworks.                              |
| 3     | <b>Nosh Technologies</b> | AIRC          | SDG 9        | Joint development of scalable digital tools influencing innovation and industry policy.                                |
| 4     | <b>GROKISAN</b>          | AIRC          | SDG 9        | Partnership for smart agriculture pilots informing state agritech policy.                                              |

|    |                                     |      |              |                                                                                                |
|----|-------------------------------------|------|--------------|------------------------------------------------------------------------------------------------|
| 5  | <b>iHub Drishti Foundation</b>      | AIRC | SDG 4        | Inclusive education policy partnership advancing accessibility through AI-based interventions. |
| 6  | <b>Sleep Therapeutics</b>           | AIRC | SDG 3, 12    | Health technology collaboration informing circular-economy and wellness policies.              |
| 7  | <b>SDGs Centre UNDP (Indonesia)</b> | AIRC | All 17       | International collaboration for SDG policy benchmarking and adaptive management.               |
| 8  | <b>Smile Guard</b>                  | AIRC | SDG 3, 4     | Health and education co-initiatives promoting hygiene awareness policy.                        |
| 9  | <b>NGE Group of Companies</b>       | SoT  | SDG 9        | R&D collaboration on sustainable manufacturing aligning with Make in India policy.             |
| 10 | <b>United Way of Hyderabad</b>      | SoAD | All 17       | State-level NGO partnership supporting CSR-linked SDG implementation policies.                 |
| 11 | <b>The Urban Lab Foundation</b>     | SoAP | SDG 11, 9    | Joint design labs feeding into urban planning and smart city policies.                         |
| 12 | <b>Ethos Foundation</b>             | SoAP | SDG 8, 9, 11 | Policy advisory on sustainable entrepreneurship frameworks.                                    |
| 13 | <b>Pinkishe Foundation</b>          | SoLH | SDG 5, 4, 10 | Gender equality collaboration shaping menstrual-health and inclusion policy.                   |
| 14 | <b>Sakhi Centre</b>                 | SoL  | SDG 5, 10    | Legal aid partnership enhancing gender justice and protection policy.                          |
| 15 | <b>Akshaya Patra Foundation</b>     | SoS  | SDG 1, 2     | Nutrition and hunger mitigation partnership contributing to national food-security policy.     |

**Total MoUs: 15**

**SDGs Covered: All 17**

**Domains:**

- Education
- Health
- Gender
- Innovation

- Urban Development
- Agriculture
- Governance
- Energy

### 3. Faculty Research as Policy Evidence

Woxsen faculty projects funded internally and externally:

| Project Title                                                                            | Principal Investigator & School          | Funding Source    | SDG Focus     | Policy Relevance / Output                                                                              |
|------------------------------------------------------------------------------------------|------------------------------------------|-------------------|---------------|--------------------------------------------------------------------------------------------------------|
| <i>Who Cleans Up After Us?</i>                                                           | Dr Eldhose Varghese (SoLH)               | ICSSR (2023)      | All 17        | Provides ethnographic evidence shaping culturally sensitive sanitation policy (Swachh Bharat Mission). |
| <i>Digital Financial Inclusion in Tribal Women</i>                                       | Dr Naveen Siriman (SoLH)                 | ICSSR (2024)      | All SDGs      | Supports Telangana's digital inclusion and gender-finance policies.                                    |
| <i>Development of Nanostructured Materials for Energy and Environmental Applications</i> | Dr Beauty Pandey & Dr Daya Shankar (SoT) | Woxsen Seed Grant | SDG 7, 9, 13  | Research informing clean-energy innovation policy.                                                     |
| <i>Design and Development of Fire-Fighting Drones</i>                                    | Dr Bhargav (SoT)                         | Seed Grant        | SDG 9, 11, 13 | Data and prototypes informing disaster-response and smart-city safety policies.                        |
| <i>Fine-Tuning TMO Based Solar Cells</i>                                                 | Dr Ramakrishna Madaka (SoS)              | Seed Grant        | SDG 7         | Empirical support for national renewable-energy and self-powered systems policy.<br><br>Seed Grant     |
| <i>Nitrocromene Derivatives for</i>                                                      | Dr Dipak Sahoo (SoS)                     | Seed Grant        | SDG 9         | Enhances pharmaceutical R&D                                                                            |

|                                                                    |                             |              |                  |                                                                |
|--------------------------------------------------------------------|-----------------------------|--------------|------------------|----------------------------------------------------------------|
| <i>Targeted Anti-Cancer Therapy</i>                                |                             |              |                  | policy and local innovation ecosystems.                        |
| <i>India's Growing Security Challenges and the Role of Defence</i> | Dr Srinivas Junuguru (SoLH) | ICSSR (2023) | SDG 8, 9, 10, 13 | Advises national security and defence-industry policy reforms. |

**SME Street Coverage (2025):** “Woxsen University Faculty Secure Major Research Grants 2025” highlights these projects as exemplary cases of academia–policy synergy, noting their role in advancing India’s national priorities on digital inclusion, renewable energy, sustainable infrastructure, and health innovation.

Link: <https://smestreet.in/sectors/woxsen-university-faculty-secure-major-research-grants-2025-10585881>

## 4. International Policy Collaborations

### a. Xunta de Galicia – Government of Spain

Woxsen University entered into an international collaboration with the **General Secretariat of Linguistic Policy**, Government of Galicia (Spain).

The agreement supports:

- The promotion of linguistic and cultural revitalization policies through education and research.
- Joint teaching and outreach programs advancing multilingual inclusion (SDG 4 & 10).
- A € 4,000 funding support for policy-based linguistic services and revitalization activities.

This partnership directly contributes to regional language policy and cultural sustainability in Europe and the Global South.

### b. British Association for Applied Linguistics (BAAL) – United Kingdom (2024)

Dr Anik Nandi of Woxsen’s School of Liberal Arts and Humanities received the BAAL Applied Linguistics Fund (£3,300) for the project “*Reconceptualising Family Language Policies from a Southern Perspective.*”

This project provides:

- Critical insights into language policy, identity, and social equity, directly informing multilingual education and inclusion policies.
- A cross-continental platform connecting Woxsen research to the UK policy landscape on linguistic justice and cultural rights.
- Knowledge exchange via BAAL and UK universities for policy dissemination and evaluation.

### c. UNDIP SDG Centre (Indonesia)

Woxsen's partnership with the **Universitas Diponegoro (UNDIP) SDGs Centre** enables:

- Collaborative research on SDG implementation modeling and policy benchmarking.
- Data-sharing initiatives for comparative SDG tracking across the Global South.
- Participation in adaptive policy management exercises using real-world data on education, energy, and economic growth.

## 5. Mechanisms of Policy Engagement

1. **Government & NGO Interface** – Regular consultations with the Government of Telangana, ICSSR, and DST for evidence-based policy advice.
2. **SDG Roundtables & PRME City Chapter Meetups** – Co-hosted with government and business bodies to draft regional sustainability recommendations.
3. **Community Outreach through Partner NGOs** – Projects with Akshaya Patra, Pinkishe Foundation, and United Way integrate grassroots data into public-policy feedback loops.
4. **International Knowledge Transfer** – Through UNDIP, BAAL, and Xunta collaborations, Woxsen contributes to **multilingual, multi-regional SDG policy ecosystems**.
5. **Monitoring & Adaptive Management** – Annual reviews of policy-linked projects ensure feedback-based refinement of strategies.

## 6. Measurable Impact Highlights

- **Policy Contribution:** ICSSR-funded tribal studies influenced local sanitation and digital inclusion guidelines.

- **Energy Innovation Policy Input:** Seed-grant projects support India's National Solar Mission and clean-energy targets.
- **Gender & Social Justice:** Partnerships with Pinkishe and Sakhi Centres feed data into Telangana's gender-empowerment programs.
- **Global Policy Leadership:** Participation in European and UK-funded linguistic revitalization projects places Woxsen among **India's top universities engaged in SDG policy diplomacy**.
- **Media Recognition:** SME Street (2025) recognized Woxsen as a **national leader in research-policy integration**, highlighting its commitment to applied, impact-driven science.

## 7. Conclusion

Woxsen University's multi-layered engagement—spanning research, policy co-design, monitoring, and adaptive management—demonstrates clear and direct input into SDG policy development at the national, regional, and international levels.

- Through its MoUs and funded projects, Woxsen provides policy-relevant data and strategic models for inclusive development.
- Its international partnerships (UK, Spain, Indonesia) extend India's voice in the global SDG dialogue.
- Media and government recognition further validate Woxsen's transformative role in evidence-based policymaking.

Hence, Woxsen University stands as a benchmark institution in higher education's contribution to the UN 2030 Agenda, embodying the principles of sustainability, equity, innovation, and cross-sectoral governance

Evidence attached:

**Project Title:** Fine-Tuning TMO Based Solar Cells: A Path to Tandem Solar Excellence

**Grant Reference:** Woxsen Seed Grant: WSRG/01/2024/09

**PI:** Dr. Ramakrishna Madaka

**School of Sciences**

**SDG 7: Affordable and Clean Energy**

We are pleased to present a interim update on the research project funded by the Woxsen Seed Grant. The strategic utilization of the first tranche of ₹1,00,000 has successfully established a core experimental capability through the procurement and calibration of a spin coater. This foundational investment has directly enabled significant progress, facilitating the fabrication of two-dimensional (2D) material layers and the synthesis of transition metal oxides (TMOs).

Our research has now progressed decisively from fundamental material development to tangible application. We have successfully integrated these novel 2D TMOs into functional sensor platforms. These sensors are specifically designed for energy-harvesting and environmental monitoring applications, representing a direct and innovative contribution to Affordable and Clean Energy (SDG 7) by advancing self-powered systems and efficient energy management technologies. The promising data generated from these prototypes is currently under rigorous analysis, with manuscripts in active preparation to disseminate these findings to the broader scientific community.

Building upon this successful groundwork, our ultimate goal remains the development of high-efficiency tandem solar cells, a pursuit that squarely aligns with the global mission of affordable and clean energy. To advance this objective and capitalize on our initial momentum, the release of the remaining grant balance of ₹2,00,000 is now critically essential. These funds are required for the vital next phases, including advanced material characterization and the procurement of specialized substrates and chemicals necessary for scaled device fabrication and performance testing.

We are confident that with the full support of the grant, we can translate these promising initial results into significant research outcomes, including functional prototypes and high-impact publications. We therefore respectfully request your assistance in facilitating the release of the outstanding funds at the earliest convenience to ensure the continued success and maximum return on investment for this strategically important project.

SOLH projects received in 2023-24

1. Dr. Eldhose Varghese: Who Cleans Up After Us: An Ethnographic Investigation of Empirical Reality and Cultural Underpinnings of Health, Sanitation and Cleanliness among select Tribal Groups of Western Ghats
  - Funded by ICSSR in 2023
  - SDG: All the 17 are applied here

The study “**Who Cleans Up After Us**” is an **ethnographic exploration** of the everyday practices, beliefs, and cultural meanings surrounding **health, sanitation, and cleanliness** among **selected tribal communities of the Western Ghats**. It seeks to uncover how indigenous worldviews, traditional knowledge systems, and local ecological contexts shape tribal perceptions and behaviors related to hygiene and public health.

Using **qualitative fieldwork methods** such as participant observation, in-depth interviews, and focus group discussions, the research examines how cleanliness and sanitation are not merely physical acts but are deeply rooted in **cultural values, social hierarchies, and spiritual beliefs**. The study highlights how tribal understandings of purity, pollution, and environmental balance differ significantly from mainstream public health narratives promoted by the state.

It also identifies gaps between **government sanitation initiatives** (like Swachh Bharat Mission) and **tribal lived realities**, revealing how such policies often overlook cultural diversity and local needs. The findings emphasize the importance of **context-sensitive and community-driven approaches** to improving health and sanitation in tribal regions.

Overall, the research underscores that achieving sustainable sanitation and health outcomes requires recognizing and integrating **tribal cultural logics, ecological practices, and social structures** into public policy frameworks.

## 2. Dr. Srinivas Junuguru: India's Growing Security Challenges and the Role of Défence

- Funded by ICSSR in 2023
- SDG: 8, 9, 10, and 13

The strategic environment is changing rapidly in India's neighbourhood and International Relations. India's hitherto policymakers had believed that they do not have foes around India's border; therefore, they need not focus upon defence equipment production. However, this kind of perception should change now, as Pakistan and China make aggressive moves to encircle India. Further, our energy resources and domestic challenges are exacerbating year after year. However, considering India's present defence apparatus strength and over-dependence on other countries, if both Pakistan and China attack India simultaneously, India will not go for medium and prolonged wars. Thus, it is a critical moment for India to bring some policy changes. The defence industry is a strategic area where it must get copious policy changes to meet the 21st

century India's defence needs. Currently, India is the largest defence import country notwithstanding an 11 percent contraction in arms purchases between 2013-2017 and 2018-2022. The project will explore what the significant security challenges that India is facing today are. The research expounds on how India's defence industry should be bolstered for meeting the emerging security challenges from the domestic and international arena. The project also explains how we can internationalize India's defence market.

**3. Dr. Naveen Siriman: Digital Financial inclusion in Tribal women: A Case Study of ITDA villages in Telangana (2024)**

- Funded by ICSSR in 2024
- SDG: All the SDGs are applied

The project “**Digital Financial Inclusion in Tribal Women: A Case Study of ITDA Villages in Telangana**” explores the extent, challenges, and impact of digital financial inclusion among tribal women in selected **Integrated Tribal Development Agency (ITDA)** villages of Telangana. The study seeks to understand how access to and usage of digital financial services—such as mobile banking, digital payments, Aadhaar-enabled transactions, and government welfare transfers—are reshaping the socio-economic realities of tribal women.

Adopting a **mixed-method approach**, the research combines **quantitative surveys** with **qualitative interviews and focus group discussions** to capture both statistical trends and lived experiences. It examines key indicators such as **financial literacy, access to digital infrastructure, trust in financial institutions, and digital skill levels** among tribal women. The project also investigates the role of **self-help groups (SHGs), local banks, and government initiatives** like the Pradhan Mantri Jan Dhan Yojana (PMJDY) and Digital India Mission in promoting inclusive digital financial ecosystems.

Findings from the study reveal that while digital financial inclusion has created new opportunities for empowerment and economic participation, **structural barriers**—including poor connectivity, low digital literacy, socio-cultural constraints, and limited institutional support—continue to restrict its full potential. Many tribal women still rely on intermediaries for digital transactions, leading to issues of dependency and lack of autonomy.

The project concludes that **sustainable digital financial inclusion** requires a **context-sensitive and participatory approach** that integrates **capacity building, local language digital training, and community awareness programs**. It emphasizes that empowering tribal women through digital finance can significantly contribute to **inclusive growth, gender equality, and socio-economic development** in tribal regions of Telangana.



**Project Title:**

*“Nitrocromene Derivatives for Targeted Anti-Cancer Therapy: Synthesis and DNA Efficacy Assessment”*

**Principal Investigator:** Dr. Dipak Kumar Sahoo

**Project Grant (Woxsen Seed Grant)**

**SDG 9: Industry, Innovation, and Infrastructure**

**Project Report:**

The project *“Nitrocromene Derivatives for Targeted Anti-Cancer Therapy: Synthesis and DNA Efficacy Assessment”* was undertaken with the objective of advancing Woxsen University’s research capabilities in medicinal and organic chemistry. It focused on enhancing laboratory infrastructure through the installation of a Rotary Evaporator with a Vacuum Pump, a vital instrument for efficient synthesis, purification, and concentration of chemical compounds.

This addition has significantly strengthened the School of Sciences’ capacity to conduct advanced research in drug discovery and chemical synthesis. The equipment is actively being used by undergraduate and doctoral scholars for projects involving the synthesis of bioactive molecules and potential therapeutic agents. The project has already yielded tangible outcomes, including a **publication in a Q1-ranked international journal, Bioorganic Chemistry (Elsevier)**, which reported the synthesis, computational analysis, and biological evaluation of novel pyrimidine-based sulfonamides and acetamides as potent antimicrobial agents.

Beyond this immediate success, the project has created a lasting impact by fostering an ecosystem of research-led learning, innovation, and collaboration. The newly established infrastructure will continue to support diverse interdisciplinary projects, contributing to the development of sustainable solutions in health-related sciences and aligning with **SDG 9 (Industry, Innovation, and Infrastructure)**

## **SDG Report**

Project Title: Development of Nanostructured Materials for Energy and Environmental Applications

Project Id: WSRG220907

Duration: 12 Months

Principal Investigator: Dr. Beauty Pandey & Dr. Daya Shankar

Institution: School of Technology, Woxsen University

### **Project Overview**

This seed-funded initiative aimed to explore the synthesis and functional evaluation of nanostructured materials with potential applications in energy conversion and environmental remediation. The project focused on developing scalable chemical routes for fabricating advanced materials with tailored properties, and assessing their suitability for photocatalytic and photoelectrochemical processes.

### **Key Activities and Achievements**

1. **Material Fabrication:** Various nanostructures were synthesized using chemical and electrochemical methods. Emphasis was placed on achieving controlled morphology and crystallinity through tunable synthesis parameters.
2. **Composite Development:** Hybrid structures combining different classes of nanomaterials were developed to enhance interfacial charge transport and improve functional performance.
3. **Characterization:** Preliminary structural, optical, and compositional analyses were conducted using collaborative facilities. These assessments provided insights into the quality, uniformity, and potential applications of the synthesized materials.
4. **Functional Testing:** Initial photocatalytic and photoelectrochemical studies were performed to evaluate energy conversion capabilities, particularly in hydrogen generation and carbon dioxide reduction.
5. **Prototype Exploration:** Nanomaterials were deposited on flexible substrates to explore their integration into energy harvesting devices. Early-stage solar cell fabrication was attempted.
6. **Academic and Collaborative Impact:** The project facilitated student involvement in advanced synthesis techniques, contributing to skill development and research exposure. Drafts for external funding proposals were initiated, and collaborative discussions with academic and industrial partners were opened.

## **Suggested Next Steps for Research**

1. **Process Optimization:** Refine synthesis protocols to improve reproducibility, scalability, and control over material properties.
2. **Advanced Characterization:** Employ high-resolution and time-resolved techniques to study charge dynamics, surface interactions, and long-term stability.
3. **Functional Enhancement:** Explore doping, surface modification, and composite engineering to improve catalytic efficiency and device performance.
4. **Device Integration:** Develop prototypes for energy harvesting and environmental sensing applications, focusing on durability and real-world applicability.
5. **Computational Support:** Use modeling and simulation tools to predict material behavior and guide experimental design.
6. **Collaborative Expansion:** Strengthen interdisciplinary partnerships and pursue joint research initiatives with national and international institutions.
7. **Capacity Building:** Continue involving students and early-career researchers in hands-on projects, workshops, and training programs.
8. **Dissemination and Funding:** Publish findings in peer-reviewed journals, present at conferences, and submit proposals to external funding agencies for extended research.

## **Conclusion**

This project has successfully demonstrated the feasibility of synthesizing and evaluating nanostructured materials for energy and environmental applications. The outcomes provide a strong foundation for future research, collaborative growth, and technology development. Continued support will enable deeper exploration and translation of these materials into impactful solutions.

# **WOU SEED GRANT PROPOSAL**

**Project Title:** - Design and Development of Fire-Fighting Drones

## **1. Summary of the Project:-**

Fire accidents cause major damage to personal as well as private properties. These fire accidents occur suddenly without any signs. In the event of a fire, it is very difficult for the firefighters to reach quickly and scout out the fire if it is at long elevated heights. The heavy smoke from the fire will also make the visibility challenging for the firefighters by masking the way not to see more than a meter. According to the 20(20-21) report of the National Crime Records Bureau (NCRB), a total of 11,037 cases of fire accidents were reported in the country, which rendered 9,110 deaths and injuries to 468 persons. When the fire responders arrive at the incident it is very difficult for them to access the situation inside the site. It is also very difficult for them to predict the situations like smoke, the structural integrity of the site, and the fire flow patterns as the site is totally closed. So, a drone would be an ideal solution for them to look inside the site and assess the situation like where to concentrate, and how to approach the site. A drone equipped with a water tank and a pressurized gun for delivering the water at the site, and a thermal imaging camera employed on it, where human intervention is not possible in an emergency situation due to thick smoke will help the firefighters. This helps to plan the rescue mission as well as extinguish the fire. The thermal cameras help to visualize the persons trapped and also sense the presence of the fire, which helps in designing the evacuation plan by the firefighters.

**Keywords:** - Thermal cameras, water guns, firefighters, drones, rescue.

## **Objectives:-**

1. Designing the drone structure based on the payload and the pressure applied by the water gun.
2. Capturing and analyzing the images by a thermal camera installed on the drone.
3. Controlling the device using a wireless control system for elevating and disbursing the water at the specified location.
4. Fabricating the prototype and testing it.

## INTRODUCTION

These drones are the eyes in the sky for firefighters. They serve as an essential tool for firefighters, especially in urban areas, where devastating flame outbreaks might occur in tall structures. Drones can be equipped with the latest technology to aid firefighters and supplement existing resources. Due to recent advancements, aerial information can be obtained quickly and affordably by firefighters. With the help of drones, firefighters can improve their situational awareness. When a fire breaks out in a high-rise building, firefighters usually arrive at the scene and try to launch the rescue operation with very little knowledge of the degree of the fire's spread and the extent of the building's damage. Instead, before beginning the rescue operations, firefighters can use this drone technology to conduct an aerial evaluation of the situation to determine the extent of the fire. This will allow them to make quick judgments and perhaps save many lives.

Drones can efficiently travel in compact spaces as they can be agile and small and helps humans in putting them in hazardous situations. Drones equipped with thermal cameras help firefighters identify the hotspots and blazing structures, where firefighters can direct their whole efforts in bringing the situation under control quickly. Drones also help to assess the situation of disaster management after a city or a place is hit by a bad cyclone or an earthquake. These drones can give you quick information to the government officials to assess the disaster and take necessary actions.

Nowadays drone delivery has become increasingly popular in modern logistics, even the giant like amazon is looking into the option of drone delivery of medicines, parcels, groceries, food and other homecare products. These drone delivery systems are cost-effective solution as well as safe and contactless delivery models.



(Source: - Unmanned aircraft systems flynow.com)

## Literature Review:-

Costing for the drone and its accessories:-

| S.No         | Name of the part                                 | Estimated Price of the part | Quantity | Total Cost |
|--------------|--------------------------------------------------|-----------------------------|----------|------------|
| 1            | Hexacopter Having Wheelbase: 1550mm Weight: 3 kg | 60,000                      | 1        | 60,000     |
| 2            | 10 motors                                        | 5000/ piece                 | 8        | 50,000     |
| 3            | Carbon fibre propellers                          | 1000                        | 12       | 12,000     |
| 4            | Brushless motors                                 | 3000                        | 12       | 36,000     |
| 5            | Holybro kakute F7 & amp-tekko 32 Bhlheli32       | 30,000                      | 1        | 30,000     |
| 6            | Drone Transmitter and receiver                   | 30,000                      | 1        | 30,000     |
| 7            | FPV/Telemetry Trans-Receiver                     | 12,000                      | 1        | 12000      |
| 8            | Flight Controller & Accessories                  |                             |          | 1,00,000   |
| 9            | Infrared thermal camera                          | 70,000                      | 1        | 70,000     |
| 10           | GPS and Antennas                                 | 50,000                      |          | 50,000     |
| 11           | Drone speed controller                           | 15,000                      | 1        | 15000      |
| 12           | Drone Gimbal Accessories                         | 60,000                      | 1        | 60,000     |
| Total Amount |                                                  |                             |          | 5,25,000   |

**SCIENCE AND ENGINEERING RESEARCH BOARD**  
**TEACHERS ASSOCIATESHIP FOR RESEARCH EXCELLENCE**

**Other Technical Details**

**Project Title: -** Axial flow abrasive finishing of fused deposition modeled (FDM) parts using a low-cost sustainable media

**1. Summary of the project :**

Finishing of fused deposition modeling parts is still a challenging and time-consuming process. Currently, many health care industries use a variety of methods like soluble and insoluble materials, sanding, vapor smoothing, priming and painting, polishing, electroplating, and hydro-graphics are used; but still, the surface finish is compromising and need to take utmost care otherwise the FDM part gets damaged. Industries are spending a huge amount of money to get the required surface finish for the dental and medical parts. Based on the application there are different machines available for finishing the parts i.e one-way abrasive flow machine, two-way abrasive flow machine and, orbital abrasive flow machine. Due to the easy operation of the axial-flow pump, it can be used for discharging the sustainable media. In the proposed project, an axial flow pump will be used to extrude the sustainable media in one direction through the formed workpiece by tooling. The phenomenon of abrasion takes place whenever the media passes through the restrictive passage, and where the workpiece will be ideally placed for removal of material. The key components of this setup would be an axial flow abrasive finishing setup (AFAFS), tooling, and sustainable abrasive media. Process input parameters would be extrusion pressure, several cycles, grit composition of sustainable abrasives and type, tooling and fixture designs that will have a significant impact on AFAFS; and resulting output responses proposed to be invented will be surface finish of FDM parts and material removal.

The abrasive finishing process is capable of producing surface finish ( $R_a$ ) of about  $0.05\text{ }\mu\text{m}$ , and deburr holes as small as  $0.2\text{ mm}$  and radius edges of  $0.025\text{ mm}$  to  $1.5\text{ mm}$ . Abrasive flow machining processes have a wide range of applications in numerous industries such as aerospace, medical, automotive, precision dies and molds when used as part of manufacturing activities.

**Keywords: -** Axial flow compressors, Rapid prototyping, Finishing, Abrasive flow Machining, Sustainable media, Surface finish



# The British Association for Applied Linguistics

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August 23, 2024

Dear Anik,

We thank you for your application to the BAAL Applied Linguistics Fund for £3,300 in support of your project: *Reconceptualising family language policies from a Southern perspective: Discursive practices around detribalisation, retribalisation and language reclamation in India*.

The committee has given careful consideration to your application against the criteria specified in the call and ranked your proposal in the top four applications. In particular, the committee recognised the need for this type of awareness-raising work in the specific context identified in your proposal.

Sincere apologies for the later than planned notification of your success. Please could you let us know whether you would be happy to accept the funding?

General terms and conditions for funding along with financial arrangements have been publicised in the call. We include them and additional ones below for your reference:

Successful applicants will be required to produce a short report of 1000 words on completion of the project. This will be posted on the BAAL website and published in the BAAL newsletter.

Award holders are also encouraged to give an oral presentation at the BAAL conference on satisfactory completion of the activities. The presentation will not be subject to the usual peer review process. Additionally, award holders are entitled to *one day* conference registration fee waiver, which award holders may pay first and then claim back from BAAL. We hope that you will be able to apply to your home institution to cover any costs related to travel and accommodation. The funding support from BAAL should be acknowledged where appropriate. This applies to all the outputs and activities supported by the fund. Please contact the BAAL Secretary Dr Caroline Tagg for advice as to the use of logo and wording.

25% of the approved budget will be paid at the beginning of the project with the remainder on satisfactory completion of a project. An invoice for the remainder should be sent within 6 months of receiving the BAAL EC's approval of the final 1000 word project report.

All funds must be processed through institutions, preferably by cheque, and not through individuals. Please contact the BAAL Treasurer Dr Bettina Beinhoff regarding the invoice and claim of conference fee waiver.

Prior to embarking on your project, we encourage you to familiarise yourself with the [Recommendations on Good Practice in Applied Linguistics](#).

Congratulations on the success of the application. We are looking forward to working with you. Please feel free to get in touch with us if you have any questions.

Best wishes,

Rachel Wicaksono, Sultan Turkan and Yi Zhang on behalf of the BAAL Executive Committee

The *Xunta de Galicia*, through the General Secretariat of Linguistic Policy, would like to collaborate with the **Woxsen University in Hyderabad (India)** by signing a collaboration agreement for teaching, research and the promotion of the Galician language, literature and culture, not only in the academic field of the University but also in its area of influence through a program of actions to achieve the full revitalization of the Galician language.

The financial contribution of this General Secretariat will be: **four thousand euros (€4,000.00).**

Taking into account that the agreement will be processed under Chapter IV of the general secretary's budget, intended for current transfers, I am informing you of the following:

1. The imputable expenses will be current expenses of the entity, that is, expenses for the provision of linguistic services and other activities to promote the Galician language that do not involve investment.
2. The activities covered by the agreement can be carried out from January 1, 2024.
3. The entity does not have to make any financial contribution.

With the University's acceptance of the collaboration commitment, you must send as soon as possible:

1. Proposal of activities to be developed within the framework of the agreement
2. Economic evaluation of the activities
3. Account number and bank entity
4. Once we receive the activity proposal and its assessment, we will send you the draft agreement for your approval.

Likewise, I am sending you the file containing the declaration of responsibility and the authorization to this general secretariat to request the certifications that - if you agree - must be filled out and signed by the person in charge of that entity.

The requested documentation must be sent to the email address of the Deputy General Director of Linguistic Planning and Revitalization: [lectorados@edu.xunta.es](mailto:lectorados@edu.xunta.es)

**Contact numbers:**

M<sup>a</sup> Lourdes Batán Aira: 881 996 328

M<sup>a</sup> Pilar Vázquez Bascuas: 881996 314

Santiago de Compostela, on the date of the digital signature

Valentín García Gómez

The General Secretary of Language Policy

The Autonomous Government of Galicia



# **MEMORANDUM OF UNDERSTANDING (MOU)**

between

**AI Research Centre for AI-Enabled Global Infrastructure Security, Woxsen University,  
Hyderabad, India 502345**

and

**Edubuk-(Eduprovince Technologies Private Limited) for CETA Program (co-branded)  
and TruCV Creation for Students and TruJobs assistance for International Placements.**

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## **CLAUSE ONE: THE PARTIES**

**This is an agreement between "AI Research -- Centre for AI-Enabled Global Infrastructure Security", hereinafter "AI Research Centre" and "Edubuk" hereinafter "Partner".**

## **CLAUSE TWO: PURPOSE & SCOPE**

**The purpose of this MOU is to establish a strategic partnership between the AI Research Centre for AI-Enabled Global Infrastructure Security and Edubuk to advance secure, ethical, and resilient AI systems that safeguard critical digital infrastructure. This MOU clearly identifies the roles and responsibilities of each party as they relate to Strategic Collaboration, Joint Research, and Partnership in AI & Emerging Technologies skilling courses via CETA (Certified Emerging Technologies Analyst) Program & Examination of Edubuk (approved via partnership with NSDC), co-branded with Woxsen University; TruCV (verifiable CV on the Blockchain, integrated with Digilocker), Creation for Students and TruJobs related placements assistance for International Placements.**

**In particular, this MOU is intended to facilitate:**

### **2.1 Joint Research and Development**

- **Collaborative skilling in the areas of AI, Blockchain, Cybersecurity, Cloud Computing, Data Analytics, Data Visualization, Data Science, Prompt Engineering.**
- **Joint exploration of innovative models for verifiable and tamper-proof digital credentials through TruCV.**
- **Research on integrating TruJobs Platform: AI-driven job matching and blockchain-based verification to improve employability outcomes.**

## **2.2 Strategic Collaboration**

- **Joint delivery of no-code AI & Emerging Technologies skilling Courses to students in India, Africa and worldwide via co-branded partnership with Edubuk's CETA Program.**
- **Collaboration on TruCV adoption across Woxsen students, ensuring blockchain-verified and DigiLocker-integrated credentials for them.**
- **Building a framework for industry-aligned employability pathways powered by TruJobs.**
- **Joint training and professional development programs**
- **Staff exchange and collaborative learning initiatives**
- **Industry expertise integration and mentorship programs**

## **2.3 Knowledge Transfer and Innovation**

- **Joint publications and intellectual property development**
- **Technology transfer and commercialization initiatives**
- **Executive education and professional certification programs (CETA Program)**
- **Industry consulting and advisory services**

## **2.4 Capacity Building and Global Outreach**

- **Joint policy advocacy for standardization of blockchain-based credential verification and digital employability frameworks.**
- **Participation in international forums, conferences, and outreach programs to position India as a leader in AI & blockchain education.**
- **Launch of awareness programs for students on the value of blockchain-verified CVs and AI-driven career pathways.**

## **2.5 Key Thematic Areas**

- **AI & Emerging Tech Skilling via CETA (Certified Emerging Technologies Analyst Program, approved via partnership with NSDC).**
- **Blockchain for Credential Verification (TruCV integrated with DigiLocker).**
- **AI-Driven Job Matching via TruJobs.**
- **Digital Ethics, Compliance & Governance in education and employment.**

## **2.6 Internship & Placement Support**

- **Facilitation of student internships with Edubuk and our Partner Organizations via TruCV and TruJobs initiative of Edubuk.**
- **Joint initiatives to provide industry exposure and hands-on learning opportunities.**
- **Placement assistance for students in relevant domains of AI, cybersecurity, and emerging technologies.**

## **CLAUSE THREE: FUNDING**

**Both parties agree that this Agreement, being a Strategic Partnership Agreement, establishes a framework for collaborative funding approaches and resource sharing. The parties commit to:**

### **3.1 Partnership Investment**

- **AI Research Centre: Provides research infrastructure, expertise, and project management capabilities**
- **Partner: Contributes through expertise, resources, funding, or in-kind support as mutually agreed**

### **3.2 Joint Project Funding**

- **Collaborative pursuit of funding opportunities relevant to both parties**
- **Industry-sponsored research projects and consulting engagements**
- **Grant applications where partnership enhances success probability**

### **3.3 Commercial Collaboration**

- **Joint consulting projects: Revenue shared based on contribution ratios**
- **Intellectual property: Ownership and commercialization rights as per separate IP agreements**
- **Training and certification programs: Cost and revenue sharing as per specific agreements**

### **3.4 Infrastructure and Resources**

- **Access to AI Research Centre research facilities and computational resources**
- **Partner expertise and industry knowledge integration**
- **Joint utilization of resources as mutually agreed**

**Separate funding agreements and NDAs will be signed for specific collaborative projects.**

## **CLAUSE FOUR: GENERAL COORDINATORS**

Each Party shall designate administrative offices to oversee and facilitate the implementation of any agreements arising out of this MoU:

**For AI Research Centre:**

**Dr. Raul Villamarin Rodriguez**

Vice President, Woxsen University

E-mail: [vice.president@woxsen.edu.in](mailto:vice.president@woxsen.edu.in)

**Dr. Hemachandran Kannan**

Director, AI Research Centre

E-mail: [hemachandran@woxsen.edu.in](mailto:hemachandran@woxsen.edu.in)

**For Partner Organization:**

[Name]

[Title]

[Partner Organization Name]

E-mail: [to be confirmed]

[Name]

[Title]

[Partner Organization Name]

E-mail: [to be confirmed]

## **CLAUSE FIVE: PARTNERSHIP STRUCTURE**

### **5.1 AI Research Centre Advisory Board**

- Global experts from academia, government, and industry
- Partner organization may nominate representatives to advisory positions
- Strategic guidance on research directions and industry relevance

### **5.2 Partnership Coordination Committee**

- Representatives from both organizations
- Project coordinators and key personnel
- Regular meetings to oversee collaborative activities

### **5.3 Collaborative Resources**

- Access to AI research infrastructure and expertise

- Partner organization expertise and industry insights
- Joint utilization of resources for mutual benefit

## **CLAUSE SIX: INTELLECTUAL PROPERTY**

### **6.1 Joint IP Development**

- Collaborative research outputs to be jointly owned
- Patent applications to be filed jointly where applicable
- Publication rights shared equally between parties

### **6.2 Background IP**

- Each party retains ownership of pre-existing intellectual property
- Background IP licensed for joint research purposes only

### **6.3 Commercialization**

- Technology transfer opportunities to be pursued jointly
- Revenue from commercialization shared based on contribution
- Separate commercialization agreements for specific innovations

## **CLAUSE SEVEN: LIABILITY**

Except for loss or damages caused through gross negligence or intent, the Parties shall have no liability to each other hereunder. Each party maintains its own insurance coverage and assumes responsibility for its personnel and activities.

## **CLAUSE EIGHT: LEGAL RELATIONSHIP**

This MoU shall be construed as a statement of purpose to promote genuine and mutually beneficial collaboration between the Parties. Nothing in this MoU shall create any legal relationship, partnership, or joint venture between the Parties. Each party remains an independent entity.

## **CLAUSE NINE: CONFIDENTIALITY**

Both parties agree to maintain confidentiality of sensitive information shared during collaboration. Separate Non-Disclosure Agreements (NDAs) will be executed for specific projects involving proprietary or confidential information.

## **CLAUSE TEN: COMPLIANCE AND ETHICS**

## **10.1 Regulatory Compliance**

- **Adherence to respective national and international regulations**
- **Compliance with export control and technology transfer regulations**
- **Data protection and privacy law compliance (GDPR, Indian IT Act, and DPDP Act).**

## **10.2 Ethical Standards**

- **Commitment to responsible AI research and development**
- **Adherence to ethical guidelines for cybersecurity research**
- **Respect for human rights and digital ethics principles**

# **CLAUSE ELEVEN: COMMENCEMENT, RENEWAL, TERMINATION**

**This MoU will be effective from the date of the last signature hereto and will remain in force for a period of five (5) years, with possibility for renewal at the end of the five-year period, subject to the Parties' written agreement.**

**Either Party may terminate this MoU by giving six (6) months' notice in writing to the other Party. Upon termination, ongoing projects may continue until completion subject to separate agreements.**

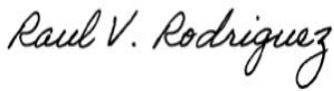
**This MoU has been drawn up in two (2) original copies in the English language, each Party receiving one duly signed copy hereof.**

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## SIGNATURES AND DATES

AI Research Centre

[Partner Organization  
Name]



*Apoorva Bajaj*

**Dr. Raul Villamarin Rodriguez**  
Vice President, Woxsen  
University

**Apoorva Bajaj**  
Co-Founder & CEO,  
Edubuk ([www.edubuk.com](http://www.edubuk.com))

**Date: 02 Sep 2025**

**Date: 02 Sept 2025**



*Shivani Mehrotra*

**Dr. Hemachandran K**  
Director, AI Research Centre

**Shivani Mehrotra**  
Co-Founder & COO  
Edubuk

**Date: 02 Sep 2025**

**Date: 02 Sept 2025**

**Witness Signatures**

---

**AI Research Centre Contact Information:**

**Director: Dr. Hemachandran Kannan**

**E-mail: [hemachandran@woxsen.edu.in](mailto:hemachandran@woxsen.edu.in)**

**Administrative Support:**

**AI Research Centre, Woxsen University**

**Kamkole Village - 502 345**

**Sadasivpet, Medak District,**

**Hyderabad, India**

**T: +91 40 4444 8888**

**Website: [www.woxsen.edu.in](http://www.woxsen.edu.in)**



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Mob no.: 9076229076  
mahajansandeep27@gmail.com  
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## GROKISAN AGROTECH PRIVATE LIMITED

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### MEMORANDUM OF UNDERSTANDING

Date: 25/11/2022

This Memorandum of Understanding hereinafter referred to as the ("MOU"), is made and entered into as of 25 November, 2022, by and between **GROKISAN AGROTECH PRIVATE LIMITED** an Indian Company, engaged in health and nutrition products and incorporated under the Provisions of The Companies Act 2013, having registered office at A/14 KISAN CHHAYAB B KALUNAGAR THAKUR WADI P D X RD DOMBIVLI MUMBAI City MH 421202 IN, hereinafter referred to as the ("Company"), and "Woxsen University" i.e Faculties of Artificial Intelligence Research Centre having registered Corporate office at Gateway Jubilee, 2<sup>nd</sup> floor, Road no.36, Jubilee Hills, Hyderabad 500033, Telangana & Campus at Kamkole, Sadasivpet, Sangareddy District, Hyderabad 502345, Telangana, hereinafter referred to as the ("Faculties of Artificial Intelligence Research Centre"), and collectively known as the "Parties" for the purpose of establishing and achieving various goals and objective relating to the **IT Infrastructure of the Company**.

**WHEREAS**, the aforementioned Parties desire to enter into the herein described agreement in which they shall work together to accomplish the goals and objectives set forth;

**AND WHEREAS**, in connection with the establishment of a business relationship, the parties wish to set forth their current understanding and certain agreements made to date with respect to such relationship.

1. **Background.** The Company is engaged in providing health and nutrition products by healthtech products and services using Artificial Intelligence, Machine learning, Deep learning, IoT technology.
2. **Purpose and Scope.** The purpose of this MOU is to set forth certain understandings of the Parties in relation to the terms and conditions to be agreed between the Parties. The Parties intend for this MOU to provide the cornerstone and structure for any and all possibly impending binding contract which may be related to the IT Development of the Company.
3. **Responsibilities and Obligations of the Parties.** It is the desire and the wish of the aforementioned Parties to this MOU Agreement that this document should not and thus shall not establish nor create any form or manner of a formal agreement or indenture, but rather an agreement between the Parties to work together in such a manner that would promote a genuine atmosphere of collaboration and alliance in the support of an effective and efficient partnership and leadership meant to maintain, safeguard and sustain sound and optimal managerial, financial and administrative commitment with regards to all matters related to the Company.
4. **Terms of Understanding.** The term of this MOU is not limited and is perpetual (lifetime) as the Parties to the Company are the Directors of the Company.
5. **Amendment or Cancellation of This MOU.** This MOU may be amended or modified at any time in writing by mutual consent of both parties.



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## GROKISAN AGROTECH PRIVATE LIMITED

6. Allotment of Shares. The Company shall allot 4% equity shares to each PhD Scholars.

| Name               | Address                                                                                               | Shares Allotment |
|--------------------|-------------------------------------------------------------------------------------------------------|------------------|
| Dr. Hemachandran K | S/o Kannan, 6/58A Type. 84 <sup>th</sup> Street, SIDCO Nagar, Villivakkam, Chennai, Tamil Nadu 600049 | 4%               |
|                    |                                                                                                       |                  |

|                                     |                                                                                                        |    |
|-------------------------------------|--------------------------------------------------------------------------------------------------------|----|
| Dr. Rajesh Kumar<br>Korupalli Veera | S/o Srinivasarao, D/Mo-4-345 Madhavpatnam Samarlakota, APSP Camp, East Godavari, Andhra Pradesh 533005 | 4% |
| Dr. Sunil Kumar                     | S/o Vijay Singh, House no.55, Raja Bazar, Near Bzazar Samiti, Jehanabad, Bihar 804408                  | 4% |
| Dr. Shahid Mohammad<br>Ganie        | S/o, Gulam Mohammad Ganie, 00, Chitra Gam, Shupiyan, Jammu & Kashmir 192303                            | 4% |

|                            |                                                                                    |    |
|----------------------------|------------------------------------------------------------------------------------|----|
| Dr. Dibya Nandan<br>Mishra | S/o Kirti Kumar Mishra, A/379, Koel Nagar, Raurkela (M), Sundargarh, Orissa 769014 | 4% |
|----------------------------|------------------------------------------------------------------------------------|----|

### General Provisions and Terms and Conditions

- Roles and Responsibility:** The Faculties of Artificial Intelligence Research Centre, Woxsen University shall be solely responsible for end to end IT development of the Company powered by Artificial Intelligence, Machine learning, Internet Of Things which will include application development for predictive Analysis of chronic diseases and its solutions and further development of new concept and Digital Wrist Monitor and other devices.
- Non-Disclosure:** No Faculty of Artificial Intelligence Research Centre of Woxsen University or Woxsen University shall be allowed to disclose any information or data pertaining to the any activity conducted



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## GROKISAN AGROTECH PRIVATE LIMITED

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or undertaken by him or her in the interest of the Company to other faculty or Company or University not involved in project. The PhD Scholars may disclose such information to any third party or individual

within or outside the Company by taking a prior written consent from the founder of the Company. Failure to non-adherence may lead to disciplinary action against the PhD Scholars.

- **Notice:** The Faculty of Artificial Intelligence Research Centre may not leave the IT development incomplete without prior written notice to the Company. The Faculty of AI Research Centre, Woxsen University must provide a 30 days written notice to the founder in order to leave the Company and vice versa.
- **Work Ethics:** The Faculty of Artificial Intelligence Research Centre must be disciplined and shall respect every member of the Company. The IT Scholar shall dedicate his time solely towards the work towards IT development as per mutually decided by the team within time period.
- **New Board Member:** If the founder or Company deems fit to add a new member to the Board of the company then, All IT team members i.e Faculty of Artificial Intelligence Research Centre, Woxsen University stakes will be diluted in equal proportions with other Co-founders of the Company
- **New Investors:** If new investors join the Company then, All IT team members i.e Faculty of Artificial Intelligence Research Centre, Woxsen University stakes will be diluted in equal proportions with other Co-founders of the Company.
- **Non-Compete:** The Faculty of Artificial Intelligence Research Centre, Woxsen University shall not be allowed to form a Company of similar nature of work or work for any other Company which has similar nature of work. Such actions may lead to termination from immediate effect with strict legal action.
- **Removal/Reduction of Stakes in the Company:** The Company can remove /reduce stakes of IT Faculty of Artificial Intelligence Research Centre, Woxsen University team if found later that they lack the needed skills and expertise required to develop the IT projects of the Company.



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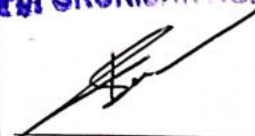
## GROKISAN AGROTECH PRIVATE LIMITED

- **Contribution:** The Faculty of Artificial Intelligence Research Centre, Woxsen University contribution in Investment of IT infrastructure will be directly proportional to the stakes he/she owns in the Company or as mutually decided by the Directors of Company.
- **Regulations:** The Faculty of Artificial Intelligence Research Centre, Woxsen University will abide by the regulations and rules set up by the regulatory body, i.e. Ministry of Corporate Affairs, Government of India related to Company affairs owning to the fact that he/she will be a Director of the Company.
- **Termination:** The Faculty of Artificial Intelligence Research Centre, Woxsen University acknowledge and understand that they must be able to fulfill their responsibilities under this MOU in accordance with the provisions of the law and regulations that govern their activities. Nothing in the MOU is intended to negate or otherwise render ineffective any such provisions or operating procedures. The Faculty of

Artificial Intelligence Research Centre, Woxsen University assume full responsibility for their performance under the terms of this MOU. If at any time Faculty of Artificial Intelligence Research Centre, Woxsen University is unable to perform their duties or responsibilities under this MOU consistent with their mandates, then the Company shall immediately provide written notice to the other party to establish a date for resolution of the matter.

7. **Entire Understanding.** The herein contained MOU constitutes the entire understanding of the Parties pertaining to all matters contemplated hereunder at this time. The Parties signing this MOU desire or intend that any implementing contract, license, or other agreement entered into between the Parties subsequent hereto shall supersede and preempt any conflicting provision of this MOU whether written or oral.
8. **Authorization and Execution.** The signing of this MOU does not constitute a formal undertaking, and as such it simply intends that the signatories shall strive to reach, to the best of their abilities, the goals and objectives stated in this MOU.

This MOU shall be signed by the Company and Woxsen University i.e Faculty of Artificial Intelligence Research Centre, Woxsen University and shall be effective as of the date first written above.

|                                                                                                  |                                                                                                                                                             |
|--------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br>(Company) | <p>For GROKISAN AGROTECH PVT.LTD.</p> <br>Director<br>(Sign with Date) |
|--------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|



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**GROKISAN AGROTECH PRIVATE LIMITED**

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*Hemachandran K*

Dr. Hemachandran K  
Aadhaar no: 3122 8318 3916

Dr. Rajesh Kumar K V

Dr. Rajesh Kumar Korupalli Veera  
Aadhaar no: 2094 5246 4406



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**GROKISAN AGROTECH PRIVATE LIMITED**

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Dr. Sunil Kumar  
Aadhaar no: 3346 4510 2263

Dr. Shahid Mohammad Ganie  
Aadhaar no: 3076 6964 0214

Dr. Dibya Nandan Mishra  
Aadhaar no: 6733 2852 3147



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**GROKISAN AGROTECH PRIVATE LIMITED**

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Woxsen University  
(Stamp and Sign)



राजस्थान RAJASTHAN

BV 123449

**MEMORANDUM OF UNDERSTANDING (MOU)**

*between*

*AI Research Centre, Woxsen University, Hyderabad, India 502345*

*and*

*TIH iHub Drishti Foundation, IIT Jodhpur, Karwar, Jodhpur, India 342037*

**CLAUSE ONE: THE PARTIES**

This is an MOU between "AI Research Centre, Woxsen University, Hyderabad, India 502345", hereinafter "Woxsen" and "iHub Drishti Foundation a Technology Innovation Hub, registered as a Section 8 Company, not-for-profit organization, under the Companies Act, 2013 having its registered office at Indian Institute of Technology Jodhpur, Nh 62 Nagaur Road, Karwad Jodhpur, Rajasthan-342030, hereinafter called "TIH-iHub Drishti".

For iHub Drishti Foundation

Director/Authorized Signatory



## **CLAUSE TWO: PURPOSE & SCOPE**

The purpose of this MOU is to clearly identify the roles and responsibilities of each party as they relate to Academic Collaboration. Exclusively for technical skill development and to give live exposure on Industry real-time projects.

In particular, this MOU is intended to:

1. 10 Days Immersion Courses for Undergraduate and Post Graduate Students with IIT Faculty in AR-VR and Game Development Fields, AI/ML/CV for Industry 4.0, Healthcare, and Autonomous systems.
2. Internships to students from both the institutions.
3. Certification Program in AR VR.
4. Skill Development Courses for both the institutions.
5. Summer School / Winter School
6. Entrepreneurship Development.

## **CLAUSE THREE: FUNDING:**

Both parties agree to specify that this Agreement, being a Cooperation Agreement, does not mean or imply either transfer of economic resources or payment of consideration between both institutions. Separate NDA will be signed for collaborative projects.

## **CLAUSE FOUR: GENERAL COORDINATORS:**

Each Party shall designate an administrative office to oversee and facilitate the implementation of any agreements arising out of this MoU. These offices are:

**For Woxsen University:**

Dr. Raul V. Rodriguez

Vice President, Woxsen University

**E-mail:** [vice.president@woxsen.edu.in](mailto:vice.president@woxsen.edu.in)

**For TIH-iHub Drishti,**

Prof. Gaurav Bhatnagar

Designation: Project Director

**E-mail:** [project-director@ihub-drishti.ai](mailto:project-director@ihub-drishti.ai)

**For iHub Drishti Foundation**

Director/Authorized Signatory



## CLAUSE FIVE: LIABILITY:

Except for loss or damages caused through gross negligence or intent, the Parties shall have no liability to each other hereunder.

## CLAUSE SIX: LEGAL RELATIONSHIP:

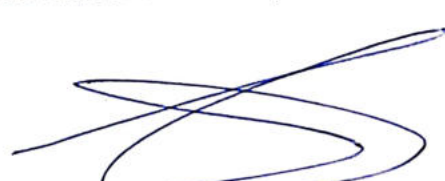
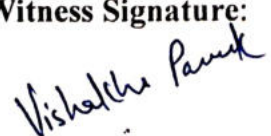
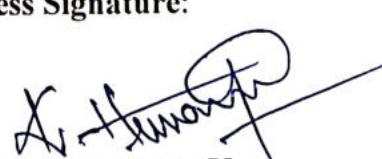
This MoU shall be construed as a statement of purpose to promote a genuine and mutually beneficial collaboration between the Parties. Nothing in this MoU shall create any legal relationship between the Parties.

## CLAUSE SEVEN: COMMENCEMENT, RENEWAL, TERMINATION:

This MoU will be effective from the date of the last signature hereto and will remain in force for a time period of five (5) years, with a possibility for renewal at the end of the five-year-period, subject to the Parties' written agreement. Either Party may terminate this MoU by giving three(3) months' notice in writing to the other Party.

This MoU has been drawn up in two (2) original copies in the English language, each Party receiving one duly signed copy hereof.

## SIGNATURES AND DATES

|                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>TIH-iHub Drishti, IIT Jodhpur:</b><br><br>For iHub Drishti Foundation<br><br>Director/Authorized Signatory<br><b>Prof. Gaurav Bhatnagar</b><br>Project Director<br>Date: 03 <sup>rd</sup> September 2024 | <b>AI Research Centre, Woxsen University</b><br><br><br><b>Dr. Raul V. Rodriguez</b><br>Vice-President<br>Date: |
| Witness Signature:<br><br><b>Dr. Vishakha Pareek</b><br>Scientific Officer, iHub Drishti Foundation                                                                                                         | Witness Signature:<br><br><b>Dr. Hemachandran K</b><br>Director of AI Research Centre                           |

PINKISHE FOUNDATION

# **Memorandum of Understanding between Pinkishe Foundation & Woxsen University**

August 2024



## A. Introduction

- A.1. The aim of this Memorandum of Understanding (Memorandum) is to set out the framework for the working relationship between Pinkishe Foundation (Pinkishe) and Woxsen University.
- A.2. The memorandum is associated with Pinkishe's Women's Health & Empowerment program called PadBank® and its subsidiary programs, Sakhi and Kaagaz Ke Pad. These programs aim to promote menstrual hygiene and address the challenges faced by adolescent girls and women in the selected geographies. The project will encompass a comprehensive approach to improving menstrual health and empowering the community.
- A.3. Both are 'Not-for-profit' social projects with the following focus at large:
  - A.3.1. Spreading knowledge & awareness to remove widely prevalent social taboos associated with the subject of Menstrual Health & Hygiene.
  - A.3.2. Provide education on menstrual hygiene, associated health hazards, and best practices.
  - A.3.3. Promote & support the usage of sanitary pads and other safe products by women and girls mainly belonging to the marginalized and economically weaker sections of society.
  - A.3.4. Promote the use of environmentally friendly sanitary pads in place of other ecologically harmful alternatives.
  - A.3.5. Provide skills and livelihoods by training & involving women in the manufacturing of reusable sanitary pads and by other innovative methods.
- A.4. This memorandum sets out the roles and expresses the convergence of will between both organizations, a standard line of action, and a workable division of undertakings for meeting the objectives mentioned above and communicating the project by both organizations.
- A.5. Pinkishe and Woxsen University recognize that each organization is distinct and unique. Accordingly, this Memorandum sets out to shape the relationship between these two organizations and clearly and unambiguously as possible how each organization will successfully work together and alongside one another to meet the stated objectives.

- 
- 
- A.6. The Memorandum sets out principles that Pinkishe and Woxsen University will agree to follow during day-to-day working relationships. The Memorandum may need to be supported by protocols and other documents not included here, which set out in more detail operational considerations of how the two partners will work together.

## **B. Partners to the Memorandum**

- B.1. Pinkishe Foundation is a Charitable Trust established under the Indian Trust Act 1882, with multiple social objectives primarily catering to gender equality, women empowerment, equal opportunities, and the health and well-being of girls and women. Pinkishe is registered in New Delhi, India, and has its headquarters at Madhu Vihar, New Delhi - 92.
- B.2. Woxsen University, located in Hyderabad, Telangana, is a private institution established in 2014. Dedicated to innovating and transforming traditional educational processes, the university leverages knowledge, design, and technology to achieve its mission. Woxsen University strives to develop global professional leaders who contribute to societal welfare. Recognized by the University Grants Commission (UGC), Woxsen has earned accreditation from prestigious bodies such as the European Foundation of Management Development (EFMD), the Bar Council of India (BCI), and the Council of Architecture (COA). The university also holds memberships in several international organizations, including AACSB, GRII, ISCN, RRBM, and CLADEA.

## **C. Background**

- C.1. In India, menstruation remains a taboo and a controversial topic and is barely spoken about. Women and girls must have access to sanitation to handle menstruation hygienically. Better awareness of menstrual hygiene is needed for both men and women. Currently, cultural traditions and menstrual taboos have a detrimental effect on the life of women and girls and promote social injustices and isolation. Many women in India are misinformed and ignorant of safe menstrual hygiene practices. They have little or no knowledge of what constitutes a normal and healthy period. Little or no conversation in the families and society add to the



woes. Poor menstrual practices significantly negatively impact girls' and women's education and health outcomes.

- C.2. Unfortunately, menstruation is a subject that still largely remains taboo. It is not a subject that is openly discussed. Hence, the scale of the problem and its devastating impacts are less known. The efforts of the government and a few individuals alone will not suffice. It requires contribution, partnership, and collaboration by reputed institutions, bodies, and the larger civil society itself.
- C.3. Pinkishe & Woxsen University have decided to collaborate to leverage each other's strengths to jointly create a more significant positive social impact concerning the subject.

## **D. Objects of our Collaborative Working**

- D.1. In working towards meeting the objectives as outlined in A2 in a collaborative but 'non-exclusive' partnership.
- D.2. Under the PadBank program, Pinkishe will support Woxsen University in their objectives by means of their expertise, size, and reach in the following manner:
  - D.2.1. Providing Sanitary Pads (100 packets) to Woxsen University.
  - D.2.2. Training, session outline, and educational material to cover the required topics.
  - D.2.3. Designing a joint banner incorporating the logos of both Pinkishe Foundation (Party 1) and Woxsen University (Party 2), which Party 2 will use at all locations.
  - D.2.4. Reflect the collaboration on the Website, Newsletter and on social media posts.
  - D.2.5. Report Templates, Feedback Forms, and any other data collection instruments.
  - D.2.6. Additional personal support and guidance for the facilitators as needed (over the email, and potentially in person if required).
- D.3. Woxsen University agrees to:
  - D.3.1. Conduct minimum four (4) educational session of a minimum of 1 hour covering the required topics

- 
- 
- D.3.2. Offer Sanitary Pads to adolescent girls who have attended the education session.
  - D.3.3. Provide Social media posts on their platforms in collaboration with the Pinkishe Foundation to raise awareness about Menstrual Health and Hygiene.
  - D.3.4. Bear the cost of the menstrual training kits, if they chose to take it from Pinkishe Foundation.
  - D.3.5. Share demographic information with Pinkishe about the girls and women.
  - D.3.6. Bear the Cost of Courier and logistics on actuals.
  - D.3.7. Document the education session and share photos and videos for our records and social media.
  - D.3.8. Complete the feedback form or pre and post-surveys, if and when required, with Pinkishe Foundation.

## **E. Guiding principles of partnership working.**

- E.1. Having a mutual understanding of the aims and values of both parties, each organization will endeavor to undertake no action which could be to the detriment of any party in terms of professional integrity, high ethical standards, and reputation.
- E.2. Pinkishe and Woxsen University will be open and transparent in their dealings.
- E.3. In carrying out their activities in support of this Memorandum, Pinkishe and Woxsen University will inform the other as soon as reasonably possible of any matters that may require action or a response from one or the other.
- E.4. Pinkishe and Woxsen University will keep each other fully informed about developments in their approaches and methodologies in which the other.

## **F. Arrangements to Underpin Partnership Working**

- F.1. The collaboration will be managed by a nodal representative of each organization that will meet/connect on a regular basis. Both parties will notify each other of the key nodal person.

- 
- 
- F.2. Ms Shalini Gupta from Pinkishe and Dr. Ravikant Kisana from Woxsen University will be the nodal representatives from either side for the purposes of this collaboration.
  - F.3. Pinkishe and Woxsen University will ensure that they give each other adequate warning and sufficient information about any planned announcements to the public that the other may need to know of.
  - F.4. Pinkishe and Woxsen University will seek to involve each other in the development of planned announcements, including sharing drafts of their proposals and publications, as early as possible, where they will have a direct impact on both organizations.
  - F.5. Pinkishe and Woxsen University will respect the confidentiality of any documents shared between organizations.
  - F.6. This Memorandum may be amended at any time by agreement between the Pinkishe and Woxsen University. The Memorandum will be updated to take account of any changes.
  - F.7. In the highly unlikely event that any matters of conflict should arise and cannot be dealt with in an informal manner, both parties should nominate a third person within their organization to discuss a mutually beneficial way forward.

## G. Arbitration and Jurisdiction

- G.1. In the highly unlikely event that any matters of conflict should arise and cannot be dealt with in an informal manner, both parties should nominate a third person within their organization to discuss a mutually beneficial way forward. The Parties understand and agree that the terms and conditions of the contract are to be interpreted and practiced in the spirit of building community service, and therefore any disputes or differences of opinion shall be mutually discussed and settled amicably.
- G.2. If the above fails and in case of any dispute arising between the parties with respect to any of



the terms in this MOU, the parties undertake to settle the same by issuing a notice within 15 days from the date of the issue becoming known to either party. In case no such settlement is arrived at after mutual negotiations, the matter may be resolved by arbitration and shall be governed by the provisions of the Arbitration and Conciliation Act 1996 subject to any statutory modification, amendment or re-enactment from time to time.

## H. Terms

- H.1. Pinkishe and Woxsen University acknowledge that the partnership working detailed in this Memorandum does not imply any future contractual arrangements.
- H.2. Both parties are expected to clearly and openly announce and show each other's branding on all collaterals, events, public forums, websites, etc., to reflect a joint working and collaboration. This is limited to the joint scope of work only.
- H.3. Pinkishe will be treated as a senior partner in the collaboration. It is understood that Pinkishe is getting into this agreement with a spirit to support the Woxsen University and grow into an established, sustainable program that is able to achieve its social objectives in a better way.
- H.4. Woxsen University shall agree to abide by Pinkishe Foundation's policy manual and guidelines in conducting project activities. This includes adhering to ethical standards, protocols, and procedures outlined by Pinkishe for effective and responsible project implementation. The Policy Manual is available at <https://online.fliphtml5.com/rikeh/egiy/>.
- H.5. Woxsen University shall appropriately acknowledge and use Pinkishe Foundation's logo in project-related materials, publications, and communication, following the branding and attribution guidelines provided by Pinkishe Foundation.
- H.6. Both parties agree to maintain the confidentiality of all information, data, and materials shared during the collaboration. This includes but is not limited to project plans, strategies, and any proprietary or sensitive information like organizational strategies, donor information, and beneficiary data.



H.7. The Parties shall not disclose or make any use of the confidential information received without prior written consent except for the purposes of implementing the project scope.

H.8. Each party shall indemnify and hold harmless the other party, its officers, directors, employees, and agents from and against any claims, damages, liabilities, losses, or expenses arising out of or related to the party's actions or omissions in connection with the implementation of the Project.

H.9. Pinkishe shall not be held responsible for any claims, damages, or liabilities arising out of Woxsen University's conduct or behavior during the behavior change workshops conducted under this collaboration.

H.10. This MOU does not create a partnership, joint venture, agency, or employment relationship between the parties. Each party retains its independent legal status and shall not represent itself as being affiliated with the other party without prior written consent.

H.11. The MOU is not a contract; therefore, not detailed enough to be contractually binding. It is rather to bring both parties together in spirit and lay out a generic understanding, and create grounds for collaborative and positive working towards achieving the objectives beneficial for society at large.

H.12. Both parties will not have any claim on each other's intellectual properties, including the names of the project.

H.13. This MOU, unless extended by mutual written agreement of the parties, shall **expire 4 months** (September to December) after the effective (signed) date specified hereinabove. This MOU may be amended or terminated earlier by a mutual written understanding of the parties at any time. However, no such early termination of this MOU, whether mutual or unilateral, shall affect the current obligations of the parties under the MOU. Notwithstanding, either party may terminate this MOU after giving 30 days written notice to the other party. However, either party shall be at liberty to terminate the MOU forthwith in the event of any breach of confidentiality, as contained under clause 10.

Signed for and on behalf of  
Woxsen University



SIGNATURES

NAME: Dr. Ravikant Kisana

DESIGNATION: Assistant Dean of the School  
of Liberal Arts and Humanities

DATE: 23-08-2024

Signed for and on behalf of  
Pinkishe Foundation

SIGNATURES

NAME: Shalini Gupta

DESIGNATION: General Secretary

DATE: 23-08-2024



# MEMORANDUM OF UNDERSTANDING (MOU)

## FOR SETTING UP CENTRE OF EXCELLENCE

between

Nosh Technologies

and

Woxsen University

This MOU made and entered into on this 18<sup>th</sup> day of August month in 2022 year by and between the following two entities “Nosh Technologies”, hereinafter called Nosh and “Woxsen University”, hereinafter called “Woxsen”, collectively referred to as “Parties” and each referred to individually as “Party”.

### **1. Background:**

Centre of Excellence (COE) is a body that provides leadership, best practices, research, support, training of trainers and skill training for a specific sector/s. COE in skilling ecosystem is envisioned to be one-stop resource centre, established/working in partnership with industry to raise training standards, boost productivity, address emerging skill gaps and align training and research with industry needs. To establish the COE in the area of Agri Tech and Sustainability.

### **2. Infrastructure:**

The infrastructures for the Centres for Excellence would be initially provided by the respective institutes and the deficiencies, if any, would be gradually built up under the financial provisions of the COE.

### **3. Core Group for COE:**

|                                   |                                        |
|-----------------------------------|----------------------------------------|
| Chairperson                       | Dr. Raul V. Rodriguez, Vice President  |
| Co-Chairperson                    | Dr. Somdip Dey                         |
| Academic experts                  | Dr. Rajesh Kumar K V & Mr. Sunil Kumar |
| Professor-in-charge of the Centre | Dr. Hemachandran                       |
| Resident Project Coordinator      | Students                               |

#### **4. Quorum:**

The Core Group may meet as and when required but shall meet at least twice in a calendar year. The quorum for the purpose of the meeting of the Core Group shall be 50% of the Members including the Chairperson, Co-Chairperson or his nominee. Decision of the meeting shall preferably be by consensus failing which by majority of the members present in the meeting.

#### **5. Functions of Centre of Excellence:**

The core functions of CoE would be:

- To conduct high Quality Training in specific sectors with special focus on emerging technologies.
- To develop association between academia and industry for the benefit of the skill development sector.
- To conduct Research and Development in related fields and disseminate the results of the R&D and other activities through filing of patents and transforming them into sustainable business proposals/ solutions.
- To upgrade the Centre's technical capacity, information architecture.
- To support creative and innovative proposals in terms of functions and facilities.
- To establish a sound new institutional base for executing the programmes/projects by strengthening the existing infrastructure.
- To foster relations across countries, between governments, workers, chambers of commerce, academia, industry and other Industrial associations in establishing collaborations of various projects of Institute/Organizations.
- To create network of nearby institutes for capacity building and mentoring support.

#### **6. Nomenclature of COE:**

The Centre shall be named as “**Nosh Technologies Centre of Excellence for Agri Tech and Sustainability**”.

#### **7. Roles & Responsibilities:**

**Woxsen:**

- a. Facilitate Undergraduate, Postgraduate, and Doctoral students or Partner's representatives to participate in various roles for fulfilling the objectives of the Centre

and also recruit suitable resource persons including Research faculty and Research Scholars to execute the project and technology development activity.

- b. Provide requisite technical and residential infrastructure (existing/augmented) at Woxsen campus for the proposed COE suitable for taking up the activities enunciated above and as directed by the core group from time to time.
- c. Make provision for internship to selected students to promote serious studies/research in AgriTech and sustainability domain.
- d. Facilitate the centre to work out annual/ long term plan of deliverables/research output linked with quantum of grants/incentives. The expected deliverables from the Centre in the form of commercialization, innovations, patents, published papers, pilot sample development, project/study reports, application development, etc., may be evolved with mutual consent.
- e. Organize seminar and workshops as may be mutually decided from time to time.
- f. Shall facilitate project review meetings at least once in six months by the core group.

#### Nosh Technologies:

- a. Facilitate suitable platform to members of Woxsen for testing/demonstrating the results of individual projects.
- b. Help provide necessary technical information that may be necessary to execute assigned projects.
- c. Facilitate attachment of the students/research scholars to the industry for study/data collection/ vocational training as and when the need arises.
- d. Help Woxsen in working out desired deliverables on an annual basis prior to obtaining the Core group's approval.
- e. Applying for research grants in collaboration with Woxsen.

### **8. Confidentiality:**

Woxsen and its employees, agents or representatives will not at any time or in any manner, either directly or indirectly, use for the personal benefit of Woxsen, or divulge, disclose or communicate in any manner, any information that is proprietary to Nosh. Woxsen and its employees, agents and representatives will protect such information and treat it as strictly confidential. This provision will continue to be effective after the termination of this MoU.

Upon termination of this MoU, Woxsen will return to Nosh all records, notes, documentation and other items that were used, created or controlled by Woxsen during the term of this MoU.

## **9. Force Majeure:**

If performance of any obligation under this MoU is prevented, restricted, or interfered with by causes beyond either party's reasonable control ("Force Majeure"), and if the party unable to carry out its obligations gives the other party prompt written notice of such event, then the obligations of the party invoking this provision shall be suspended to the extent necessary by such event. The term Force Majeure shall include, without limitation, acts of God, plague, epidemic, pandemic, outbreaks of infectious disease or any other public health crisis, including quarantine or other employee restrictions, fire, explosion, vandalism, storm or other similar occurrence, orders or acts of military or civil authority, or by national emergencies, insurrections, riots, or wars, or strikes, lock-outs, work stoppages. The excused party shall use reasonable efforts under the circumstances to avoid or remove such causes of non-performance and shall proceed to perform with reasonable dispatch whenever such causes are removed or ceased. An act or omission shall be deemed within the reasonable control of a party if committed, omitted, or caused by such party, or its employees, officers, agents, or affiliates.

## **10. Dispute Resolution:**

The parties will attempt to resolve any dispute arising out of or relating to this MoU through friendly negotiations amongst the parties. If the matter is not resolved by negotiation, the parties will resolve the dispute using the Alternative Dispute Resolution (ADR) procedure.

Any controversies or disputes arising out of or relating to this MoU will be submitted to mediation in accordance with any statutory rules of mediation. If mediation is not successful in resolving the entire dispute or is unavailable, any outstanding issues will be submitted to final and binding arbitration under the Indian laws of Arbitration and Conciliation. The Arbitrator's award will be final and judgement may be entered upon it by any court having proper jurisdiction.

## **11. Liability:**

Except for loss or damages caused through gross negligence or intent, the Parties shall have no liability to each other hereunder.

## **12. Legal Relationship:**

This MoU shall be construed as a statement of purpose to promote a genuine and mutually beneficial collaboration between the Parties. Nothing in this MoU shall create any legal relationship between the Parties.

### 13. Duration/Term of the MoU:

This MoU shall be valid for two years from the date of its entering into and may be mutually extended from time to time in writing by the parties.

### 14. Termination:

Either Party may terminate this MoU by giving six (6) months' notice in writing to the other Party.

This MoU has been drawn up in two (2) original copies in the English language, each Party receiving one duly signed copy hereof.

### SIGNATURES AND DATES

Nosh Technologies



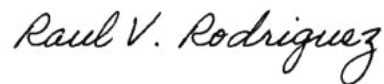
\_\_\_\_\_  
Dr. Somdip Dey

\_\_18\_\_/\_08\_\_/\_2022\_\_ (Date)



\_\_\_\_\_(Witnesses)

Woxsen University



\_\_\_\_\_  
Dr. Raul V. Rodriguez

18/8/2022 (Date)

Hemachandran K (Witness)



## MEMORANDUM OF UNDERSTANDING

between

**School of Architecture and Planning,  
Woxsen University**

and

**Ethos Foundation**

# MEMORANDUM OF UNDERSTANDING FOR THE FORMATION OF ARCAUSE CLUBS

between

**School of Architecture and Planning, Woxsen University**

and

**Ethos Foundation**

**Ethos Foundation**, hereinafter referred to as '**Ethos**' and '**School of Architecture and Planning, Woxsen University**', hereinafter referred to as '**SoAP WU**' hereinafter individually referred to as "the party" and jointly referred to as "the parties";

**ACKNOWLEDGING** that,

1. **Ethos Foundation**, founded by Ar. Gita Balakrishnan with one of its objectives to create a platform - Arcause to acknowledge, enlist and actualize the social responsibilities of Architects, Designers, Engineers, and others associated with the Construction field (ACED Fraternity). Arcause specifically focuses on harnessing collaborative efforts for larger social impact, through education, awareness, interventions, solutions, public participation in the projects, and many other activities.

Registered Address: ETHOS FOUNDATION, No. A 2011, Casa Paradiso, Sobha City, Thanisandra Main Road, Bengaluru - 560045, Karnataka, India.

2. **School of Architecture and Planning, Woxsen University**, is a School dedicated to education, research, knowledge exchange, and capacity building in the field of architecture, design, urban design and planning, urban studies and built environment.

Registered Address: WOXSSEN UNIVERSITY, Kamkole, Sadasivpet, District Sangareddy - 502345, Telangana.

are desiring to harness collaborative efforts for larger social impact, through education, awareness, interventions, solutions, pursuant to the prevailing laws and regulations, policies, and procedures of India, and have reached the following understanding.

## OBJECTIVE OF COOPERATION

The objective of this Memorandum of Understanding (MoU) is to cooperate in initiating and establishing Arcause Clubs, a platform for young and energetic minds of the architectural fraternity to contribute to society through collective action. By curating various self-led initiatives, Arcause Clubs emphasise building awareness about the importance of coming together to impact through responsible design for society and the environment around us.

### SCOPE OF COOPERATION

The parties agree to work together on the following activities as part of the Arcause clubs, but not limited to only these.

| S. No | Activity                                | Description                                                                                                                                                                                                                                                     |
|-------|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.    | 1-3 Lectures/<br>Workshops/<br>Seminars | Arcause-invited experts from the realm of social work and responsible architecture to share their experiences, challenges, learnings and interact with students on relevant and interesting works to keep them up to date about Architecture for Social Impact. |
| 2.    | Self-led Initiatives of<br>Arcause Club | Students and nominated faculty member/s from <b>SoAP, WU</b> will actively be part of the club and take up self-led initiatives to develop a sense of social responsibility and accountability.                                                                 |
| 3     | Nomination                              | <b>SoAP, WU</b> shall nominate a Faculty Advisor and a Student President of the club. They may be added to a mail list/ Whatsapp group for ease of coordination with their consent.                                                                             |
| 4.    | Share and outreach                      | <b>SoAP, WU</b> through its social media platforms will be sharing and updating on the club activities and its stories of learning with the audience.                                                                                                           |
| 5.    | Feedback                                | Arcause intends on having surveys that help in uncovering answers, evoke discussions around social responsibilities, and understand the architectural fraternity better. <b>SoAP, WU</b> and its students will actively participate in these sharing surveys.   |
| 6.    | Internships and<br>Fellowships          | Arcause will be curating a limited number of Internship and Fellowship programs for students and young architects. Interested students from may apply for the same when open.                                                                                   |

### Roles and Responsibility of each party:

| Team Arcause, Ethos Foundation                                                                                                                                                                                                                                                                                                              | SoAP, WU                                                                                                                                                                           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Team Arcause will support the establishment and smooth functioning of the <b>SoAP, WU</b> Arcause Club by engaging with students and faculty members to provide orientation and interactions around once a month.                                                                                                                           | SoAP, WU shall earmark an Arcause hour for Orientation and Interaction with the Arcause team, at least once a month to understand and execute the activities for the best outcome. |
|                                                                                                                                                                                                                                                                                                                                             | SoAP, WU shall ensure to be an active part of the Arcause club. Thus, creating a club of a minimum of 10 students with a Student President and a Faculty Advisor.                  |
| Team Arcause will be in charge of arranging experts or an in-house team for a maximum of 3 annual lectures/workshops/seminars.                                                                                                                                                                                                              | The same will be executed by <b>SoAP, WU</b> , which includes coordination and arrangement of the events on its college premises or virtually as the case may be.                  |
| <p>Arcause will award a certificate for the following achievements,</p> <ol style="list-style-type: none"> <li>1. To <b>SoAP, WU</b> for the establishment of the Arcause club</li> <li>2. On successful coordination and completion of the planned activities with the Student President, student members, and Faculty Advisor.</li> </ol> | SoAP, WU will ensure clear information to Arcause on the names and contact details of all the awardees.                                                                            |
| Arcause will support the events, and formats for participation to streamline the activities better.                                                                                                                                                                                                                                         | <b>SoAP, WU Faculty Coordinator</b> shall engage and oversee the success of each activity defined and work with Team Arcause                                                       |
| Arcause will share information about the fellowship and internship programs.                                                                                                                                                                                                                                                                | <b>SoAP, WU Faculty Coordinator</b> will motivate its students to apply for the fellowships and internships by Arcause.                                                            |

### DURATION, TERMINATION, AND AMENDMENT

1. The MOU will be effective from the date of signing by both parties for a period of up to FIVE (5) years and may be subject to extension by mutual consent of the Parties, expressed in writing. An Intermediate review may be conducted with mutual consent between both parties after 5 years.
2. Either party may terminate this MOU by giving ONE-month advance notice in writing to the other Party.
3. The provisions of the MOU may be amended at any time with the mutual consent of the Parties in writing.
4. The amendment, termination, and expiration of this MOU will not affect the terms of activities ongoing at the time of notification of amendment, termination, and expiration unless otherwise agreed upon between the Parties.
5. No action undertaken shall diminish the full autonomy of either institution, nor will either party impose any constraints upon the other in carrying out the agreement.
6. In case any dispute or misunderstanding arises the same shall be resolved through mutual discussions and cooperation between the respective heads of both parties.

### POINT OF CONTACT

The nodal officers for the said MOU from both the sides would be as follows:

| Ethos                                                            | SoAP, WU                                      |
|------------------------------------------------------------------|-----------------------------------------------|
| Name: <u>Gita Balakrishnan</u>                                   | Name: <u>Abhijit Shirodkar</u>                |
| Designation: <u>Founder, Ethos.</u>                              | Designation: <u>Prof. E Dean Woxsen Univ.</u> |
| Address: <u>23 WOODLANDS SYND</u><br><u>8/7 ALPARE RD KOL-27</u> | Address: <u>Kamkole, Dist. Sangareddy</u>     |
| Email: <u>gita@ethosempower8.com</u>                             | Email: <u>dean.sap@woxsen.edu.in</u>          |
| Phone: <u>9831175272</u>                                         | Phone: <u>9823351617</u>                      |

Ethos

SoAP, WU

Signature: Gita Balakrishnan

Signature: Abhijit Shirodkar

Name: Ar. Gita Balakrishnan

Name: Prof. Abhijit Shirodkar

Date: 09.03.24

Date: 09.03.24

Witness: Ar. G. Srinivas Murthy

Witness: Ar. Rajeshwar Rao

Ar. G. Srinivas Murthy

Ar. Rajeshwar Rao

## MEMORANDUM OF UNDERSTANDING

Between

**School of Architecture and Planning, Woxsen University**

and

**The Urban Lab Foundation**

This Memorandum of Understanding (MoU) is entered into between the School of Architecture and Planning, Woxsen University, and the Urban Lab Foundation, hereinafter collectively referred to as the "Parties."

WHEREAS,

1. **School of Architecture and Planning, Woxsen University** (hereinafter referred to as **SoAP-WU**) is a School dedicated to education, research, knowledge exchange, and capacity building in the field of architecture, design, urban design and planning, urban studies and built environment.

2. As a design and development agency, **The Urban Lab Foundation** (hereinafter referred to as **TULF**) is envisaged as a think-tank which will enable knowledge backed research to enable discussions, policies, and practices. TULF is incorporated as a Trust to extend solutions for urban policy making through applied research, publications, discussion forums, ideation labs, advocacy, and awareness campaigns. TULF has a mission to work towards the goal of making cities safe and livable. It has presently identified three priority areas of work which include resilient, inclusive and safe cities.

The Parties intend to collaborate on initiatives that promote research, knowledge dissemination, capacity building, and practical actions aimed at achieving urban resilience and safer cities.

## 1. Objectives:

**A. Research Collaboration:** The Parties shall engage in joint research projects and studies to enhance scientific understanding of accessibility and mobility in cities, road safety and related areas. This includes collaborative research work, sharing of data and resources, and organizing joint conferences, seminars, and workshops.

**B. Initial Initiatives:** The Parties shall collaborate to

- deliver joint studios and classes with focus on street and junction design.
- to prepare a joint proposal for junction improvement in Telangana
- to design and co-author a monograph depicting junctions designed in and around Hyderabad.

**C. Knowledge Exchange and Capacity Building:** The Parties shall promote mutual learning and capacity-building activities, including joint training programs, skill development workshops, and exchange programs for staff and faculty members, researchers, and students.

**D. Policy Advocacy:** The Parties shall collaborate on advocating policies and practices that support accessibility and mobility in cities, road safety and related areas. This may include joint policy papers, policy dialogues, and engagement with relevant government agencies, NGOs, and the private sector.

**E. Practical Implementation and Project Collaboration:** The Parties shall explore opportunities for practical implementation of street designs, junction improvement plans and road safety initiatives. This may include the design and implementation of pilot projects, on-the-ground interventions, and sharing best practices.

**F. Resource Sharing:** The Parties shall collaborate in exchanging resources, network building, publications, and related materials to enhance knowledge dissemination and promote the visibility of joint initiatives. SoAP-WU and TULF may also co-publish research papers, reports, and articles.

**G. Funding and Resource Mobilization:** The Parties shall explore opportunities for joint funding applications and resource mobilization to support collaborative projects and activities. This may include seeking grants, sponsorships, or partnerships to enhance the impact of joint initiatives.

## 2. Confidentiality:

Both parties and its employees, agents or representatives will not at any time or in any manner, either directly or indirectly, use for the personal benefit, or divulge, disclose, or communicate in any manner, any information that is proprietary to both parties. Both parties and their employees, agents and representatives will protect such information and treat it as strictly confidential. This provision will continue to be effective after the termination of this MoU.

Upon termination of this MoU, both parties will return all records, notes, documentation, and other items that were used, created or controlled during the term of this MoU.

### **3. Credit and copyrights:**

The material produced in joint collaboration will have joint copyright on the material. The material produced by either party shall be credited as per. A joint project undertaken by both parties together and its results shall always bear names and logos of both parties ( in equal font size and visual size respectively) mentioned in the presentation and/or submission of works, on social media, journals, reports and press releases.

### **4. Force Majeure:**

If performance of any obligation under this MoU is prevented, restricted, or interfered with by causes beyond either party's reasonable control ("Force Majeure"), and if the party unable to carry out its obligations gives the other party prompt written notice of such event, then the obligations of the party invoking this provision shall be suspended to the extent necessary by such event. The term Force Majeure shall include, without limitation, acts of God, plague, epidemic, pandemic, outbreaks of infectious disease or any other public health crisis, including quarantine or other employee restrictions, fire, explosion, vandalism, storm or other similar occurrence, orders or acts of military or civil authority, or by national emergencies, insurrections, riots, or wars, or strikes, lockouts, work stoppages. The excused party shall use reasonable efforts under the circumstances to avoid or remove such causes of non-performance and shall proceed to perform with reasonable dispatch whenever such causes are removed or ceased. An act or omission shall be deemed within the reasonable control of a party if committed, omitted, or caused by such party, or its employees, officers, agents, or affiliates.

### **5. Dispute Resolution:**

The parties will attempt to resolve any dispute arising out of or relating to this MoU through friendly negotiations amongst the parties. If the matter is not resolved by negotiation, the parties will resolve the dispute using the Alternative Dispute Resolution (ADR) procedure.

Any disputes arising out of or relating to this MoU will be submitted to mediation in accordance with any statutory rules of mediation. If mediation is not successful in resolving the entire dispute or is unavailable, any outstanding issues will be submitted to final and binding arbitration under the Indian laws of Arbitration and Conciliation. The Arbitrator's award will be final, and judgement may be entered upon it by any court having proper jurisdiction.

### **6. Liability:**

Except for loss or damage caused through gross negligence or intent, the Parties shall have no liability to each other hereunder.

### **7. Legal Relationship:**

This MoU shall be construed as a statement of purpose to promote a genuine and mutually beneficial collaboration between the Parties. Nothing in this MoU shall create any legal relationship between the Parties.

## 8. Duration/Term of the MoU:

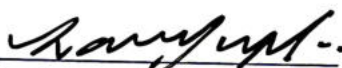
This MoU shall be valid for two years from the date of its entering into and may be mutually extended from time to time in writing by the parties.

## 9. Termination:

Either Party may terminate this MoU by giving six (6) months' notice in writing to the other Party.

This MoU has been drawn up in two (2) original copies in the English language, each Party receiving one duly signed copy hereof.

### SIGNATURES AND DATES

|                                                                                                                                                                                                           |                                                                                                                                                                                                               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>The Urban Lab Foundation</p> <p></p> <p>Dr. Shelly Kushrestha,<br/>Managing Trustee<br/>The Urban Lab Foundation</p> | <p>Woxsen University</p> <p></p> <p>Prof. Sonia Gupta,<br/>School of Architecture and Planning,<br/>Woxsen University</p> |
| <p></p> <p>Witness:</p>                                                                                                | <p></p> <p>Witness:</p>                                                                                                   |

The End

## **MEMORANDUM OF AGREEMENT (MOA) (MOU)**

*between*

*AI Research Centre, Woxsen University, Hyderabad, India, 502345*

*and*

*SDGs Center, Universitas Diponegoro, Central Java, Indonesia, 50275*

### **CLAUSE ONE: THE PARTIES**

This is an agreement between “AI Research Centre, Woxsen University, Hyderabad, India”, hereinafter “Woxsen” and “SDGs Center, Universitas Diponegoro, Semarang, Indonesia” hereinafter “SDGs Center UNDIP”.

### **CLAUSE TWO: PURPOSE & SCOPE**

The purpose of this MOA is to clearly identify the roles and responsibilities of each party as they relate to Academic Collaboration. Exclusively for Co-Innovation, Joint Funded Research and give live exposure on Industry real-time projects to students. All the points mentioned below are considered collaborative projects.

In particular, this MOA is intended to:

#### **1. Joint Product Collaboration:**

- Jointly develop the ERS tool.
- Share expertise and resources for creating innovative products.
- Combine resources and expertise for R&D focused on advancing SDGs.

#### **2. Joint SDG Initiatives:**

- Integrate innovative technologies to tackle global challenges.
- Co-develop solutions for measurable societal impact.
- Collaborate on AI and data-driven SDG projects.

**3. Joint Events:**

- Organize conferences, seminars, and workshops to bring together experts and practitioners.
- Use events to disseminate knowledge and share best practices.
- Foster collaborative networks to advance SDG objectives.

**CLAUSE THREE: FUNDING:**

Both parties agree to specify that this Agreement, being a Cooperation Agreement, does not mean or imply either transfer of economic resources or payment of consideration between both institutions. Separate NDA will be signed for collaborative projects.

**CLAUSE FOUR: GENERAL COORDINATORS:**

Each Party shall designate an administrative office to oversee and facilitate the implementation of any agreements arising out of this MoA. These offices are:

**For Woxsen University:**

Dr. Raul V. Rodriguez  
Vice President, Woxsen University

**For SDGs Center Universitas Diponegoro**

Prof. Dr. Denny Nugroho Sugianto  
Head of SDGs Center, Universitas  
Diponegoro

**E-mail: [vice.president@woxsen.edu.in](mailto:vice.president@woxsen.edu.in)**

**E-mail: [dennysugianto@live.undip.ac.id](mailto:dennysugianto@live.undip.ac.id)**

**CLAUSE FIVE: LIABILITY:**

Except for loss or damages caused through gross negligence or intent, the Parties shall have no liability to each other hereunder.



**SDGs CENTER**  
UNIVERSITAS DIPONEGORO



**CLAUSE SIX: LEGAL RELATIONSHIP:**

This MoA shall be construed as a statement of purpose to promote a genuine and mutually beneficial collaboration between the Parties. Nothing in this MoA shall create any legal relationship between the Parties.

**CLAUSE SEVEN: COMMENCEMENT, RENEWAL, TERMINATION:**

This MoA will be effective from the date of the last signature hereto and will remain in force for a time period of five (5) years, with a possibility for renewal at the end of the five-year period, subject to the Parties' written agreement. Either Party may terminate this MoA by giving three (3) months' notice in writing to the other Party.

This MoA has been drawn up in two (2) original copies in the English language, each Party receiving one duly signed copy hereof.

**SIGNATURES AND DATES**

**AI Research Centre, Woxsen University**

**SDGs Center, Universitas Diponegoro**

*Raul V. Rodriguez*

**Dr. Raul V. Rodriguez**  
**Vice-President**

*[Signature]*

**Prof. Dr. Denny Nugroho Sugianto**  
**Head**

**Witness Signature**

*Hemachandran K*

**Dr. Hemachandran K**  
**Director of AI Research Centre**

**Witness Signature**

*[Signature]*

**Dessy Ariyanti, PhD**  
**Secretary of SDGs Center**

# **MEMORANDUM OF UNDERSTANDING**

For

**COMMUNITY WELFARE ACTIVITIES**

BETWEEN



**SCHOOL OF SCIENCES, WOXSEN UNIVERSITY,  
HYDERABAD, TELANGANA, INDIA**

AND



**HARE KRISHNA MOVEMENT, BANJARA HILLS,  
HYDERABAD, TELANGANA, INDIA**

This MoU made and entered into on this 19<sup>th</sup> day of October in 2023 by and between the following two entities “School of Sciences, Woxsen University” having registered address at Gateway Jubilee, 2nd Floor, Road No. 36, Jubilee Hills, Hyderabad - 500033, Telangana, hereinafter called “FIRST PARTY”, and Hare Krishna Movement, H No: 8-2-684/39, 4<sup>th</sup> floor, NBT Nagar, MLA Colony, Road no.12, Banjara Hills, Hyderabad, Telangana-500034 hereinafter called “SECOND PARTY, collectively referred to as “PARTIES”.

**FIRST PARTY:** *School of Sciences, Woxsen University* offers various specialized and advanced UG and Doctoral programs in Biotechnology, Chemistry, Physics, Mathematics, and Computer Science.

**SECOND PARTY:** Hare Krishna Movement which is a non-profit organization on a mission to empower every single human being, through free education, food, and values through the programme under the name and style AIKYA Vidya.

Both parties are united by the belief that their collaboration and joint efforts will result in the more efficient utilization of their respective resources, creating enhanced opportunities for rural society. Consequently, they both intend to engage in cooperation to deliver programs within rural India, with the goal of benefiting underprivileged communities in these areas.

Both Parties, being legal entities in themselves have agreed to the following protocols governing their collaboration on academic and research related activities:

## **1. OBJECTIVES OF THE MOU**

Collaborative projects between Hare Krishna Movement and School of Sciences, Woxsen University that focus on social activities and impact can make a significant difference in the community and society at large.

**The objectives of the MOU are:**

### **Education and Literacy Programs:**

Collaborate on educational initiatives such as tutoring or mentoring programs for underprivileged children.

Develop literacy programs to empower marginalized communities.

### **Healthcare Camps and Awareness:**

Collaborate to organize health check-up camps, vaccination drives, and health awareness campaigns in underserved areas.

Collaborate on initiatives to raise awareness about healthy living, hygiene, and disease prevention.

### **Environmental Conservation:**

Join forces to promote environmental awareness and engage in tree planting, clean-up drives, and recycling programs.



Host workshops on sustainable living practices and eco-friendly technologies.

**Empowerment and skill development initiatives:**

Offer workshops on skill development, entrepreneurship, and financial literacy to empower disadvantaged individuals and communities. Hands to organize motivational seminars and leadership training for youth.

Partner to launch initiatives that empower women through vocational training and support women entrepreneurship projects and microcredit programs.

Offer legal aid clinics in collaboration with law students and professionals to provide free legal assistance to underserved populations.

**Cultural Exchange, and Community Outreach:**

Organize cultural festivals and events that celebrate the diversity of the community, fostering unity and understanding among different cultural groups.

**2 Proposed Modes of Collaboration:**

The purpose of this MOU is to establish a collaboration between parties to promote the activities related to the following aspects, for benefiting rural India, on a mutual agreement on case-to-case basis.

**2.1 Teaching Resources:** Identifying and engaging the expert people and resources to enhance the learning of beneficiaries of various programs/initiative of both parties.

**2.2 Research Collaboration:** The parties will embark on joint research endeavors, foster knowledge exchange, and collaborate on projects that align with their shared interests. They will also work together to develop diverse projects that have a positive impact on society through this collaboration.

**2.3 Skill Development:** The parties will engage in collaborative efforts to organize a range of programs, including certification courses, short-term sessions, webinars, seminars, training sessions, workshops, exposure visits, competitions, and more. These initiatives aim to enhance the skills and capabilities of individuals living in rural areas.

**2.4 Student Volunteer activities:** In line with mutual interests and convenience, the second party will involve students from the first party in a variety of societal projects and activities that revolve around ethics, responsibilities, and sustainability (ERS).

**2.5 Event Collaboration:** The collaboration will focus on jointly organizing, events, exhibitions/fairs, and any other relevant activities of mutual interest, all aimed at benefiting rural India.

**2.6 Data assistance and implementation of Projects:** The second party will aid the first party in the development and execution of rural projects, making use of the available resources and data in conjunction with the second party.

**2.7 In case of funds involved:** The parties mutually agree to initiate discussions and subsequently execute a separate agreement that will delineate the specific terms, conditions, and financial arrangements pertaining to aspects such as fundraising and projects requiring financial support for rural welfare.

**2.8** Manpower of first and second party will be subjected to the rules and regulations of the respective parties for involving any societal projects implemented by them.

### **3. Core Group for the Partnership:**

The composition of the Core Group shall be the Heads of the FIRST PARTY and SECOND PARTY, and two representatives/experts nominated by each PARTIES as follows.

#### **3.1 FIRST PARTY:**

- **Head:** Daya Shankar Tiwary, PhD, Dean- School of Sciences, Woxsen University (dean.sciences@woxsen.edu.in).
- **Representative:** Dr. Satish Mutyala, Assistant Professor, Department of Biotechnology, School of Sciences, Woxsen University (satish.mutyala@woxsen.edu.in).

#### **3.2 Second Party:**

- **Head:** HG Sai Krishna G, Associate Vice-President, Hare Krishna Movement, Hyderabad (shsd@hkmhyderabad.org).
- **Point of contact:** Teja Nadella, Chief Operations Officer, Hare Krishna Movement, Hyderabad (teja\_aikyavidya@hkmhyderabad.org).

### **4 Confidentiality:**

Both parties and its employees, agents or representatives will not at any time or in any manner, either directly or indirectly, use for the personal benefit of FIRST and SECOND PARTY, or divulge, disclose, or communicate in any manner, any information that is proprietary to either of parties. FIRST AND SECOND PARTY and its employees, agents and representatives will protect such information and treat it as strictly confidential. This provision will continue to be effective after the termination of this MoU.

Upon termination of this MoU, all PARTIES will return all records, notes, documentation, and other items that were used, created, or controlled by that PARTY to the other PARTY.



## **5 Force Majeure:**

If performance of any obligation under this MoU is prevented, restricted, or interfered with by causes beyond either party's reasonable control ("Force Majeure"), and if the party unable to carry out its obligations gives the other party prompt written notice of such event, then the obligations of the party invoking this provision shall be suspended to the extent necessary by such event. The term Force Majeure shall include, without limitation, acts of God, plague, epidemic, pandemic, outbreaks of infectious disease or any other public health crisis, including quarantine or other employee restrictions, fire, explosion, vandalism, storm or other similar occurrence, orders or acts of military or civil authority, or by national emergencies, insurrections, riots, or wars, or strikes, lockouts, work stoppages. The excused party shall use reasonable efforts under the circumstances to avoid or remove such causes of non-performance and shall proceed to perform with reasonable dispatch whenever such causes are removed or ceased. An act or omission shall be deemed within the reasonable control of a party if committed, omitted, or caused by such party, or its employees, officers, agents, or affiliates.

## **6 Dispute Resolution:**

The parties will attempt to resolve any dispute arising out of or relating to this MoU through friendly negotiations amongst the parties. If the matter is not resolved by negotiation, the parties will resolve the dispute using the Alternative Dispute Resolution (ADR) procedure.

## **7 Liability:**

Except for loss or damage caused through gross negligence or intent, the Parties shall have no liability to each other hereunder.

## **8 Legal Relationship:**

This MoU shall be construed as a statement of purpose to promote a genuine and mutually beneficial collaboration between the Parties. Nothing in this MoU shall create any legal relationship between the Parties.

## **9 Duration/Term of the MoU:**

This MoU shall be valid for FIVE YEARS from the date of its entry and may be mutually extended from time to time in writing by the parties.

## **10 Termination:**

Either Party may terminate this MoU by giving SIX (6) MONTHS' notice in writing to the other Party.

This MoU has been drawn up in two (2) original copies in the English language, each Party receiving one duly signed copy hereof.

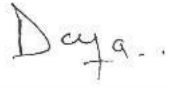


**SIGNATURES AND DATES:**

**Hare Krishna Movement, Hyderabad**

**Woxsen University, Hyderabad**

  
HG Sai Krishna G  
Associate Vice-President

  
Dr. Daya Shankar  
Dean-School of Sciences

Date: 19/10/23

Date: 19-10-2023

Witness: Teja Nadella

Witness: Dr. Satish Mutyala





Date: 19/10/23

Date: 19-10-2023

## MEMORANDUM OF UNDERSTANDING (MOU)

1. **THE PARTIES.** This is an agreement between Woxsen University ("Woxsen") and Sakhi Centre, Sangareddy Dist., Telangana, ("NGO/Education Partner").
2. **PURPOSE & SCOPE.** The purpose of this MOU is to clearly identify the roles and responsibilities of each party as they relate to Corporate Academic Collaboration. Exclusively for corporate alignment within academia to give live exposure.

In particular, this MOU is intended to memorialize the following:

- 2.1. NGO/Education Partner agrees to share its knowledge and experience with Woxsen's students through guest lectures and interactions either online or offline.
  - 2.2. NGO/Education Partner would like to offer advice and counsel to Woxsen law students to help them expand their practical skills and understanding of the work performed in the social/legal field.
  - 2.3. Provision of Internship Opportunities: NGO/Education Partner may consider offering internships to Woxsen's students. The specifics and timing of such internships will be determined through separate agreements between NGO/Education Partner and Woxsen.
  - 2.4. Provision of Capacity Building Programs for the staff and related authorities for Sakhi Centre and Bharosa Centre, Sangareddy, also to the other inter-connected institutions of Sakhi Centre by the School of Law, Woxsen University.
  - 2.5. Provision of Legal Aid Literacy and Camps for the victims of Sakhi Centre and Bharosa Centre, Sangareddy by the School of Law, Woxsen University.
  - 2.6. NGO/Education Partner is granted an open invitation to visit Woxsen's campus, based upon mutual availability of Woxsen & NGO/Education Partner representatives.
3. **FUNDING.** Both parties agree to specify that this Agreement, being a Cooperation Agreement, does not mean or imply either transfer of economic resources or payment of consideration between both institutions.

Initials:

|                                                                                      |                                                                                       |
|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |
|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|



4. **GENERAL COORDINATORS.** Each Party shall designate an administrative office to oversee and facilitate the implementation of any agreements arising out of this MOU. These offices are:

| For Woxsen University:                                                                                             | For Education Partner:    |
|--------------------------------------------------------------------------------------------------------------------|---------------------------|
| Dr. A Sreelatha<br><a href="mailto:sreelatha.a@woxsen.edu.in">sreelatha.a@woxsen.edu.in</a><br>+91-7396664802      | Name: <i>Ms. Kalpana</i>  |
| Prof. Ummul Waraah<br><a href="mailto:ummul.waraah@woxsen.edu.in">ummul.waraah@woxsen.edu.in</a><br>+91-9032502475 | Email:                    |
|                                                                                                                    | Phone: <i>95155 86057</i> |

5. **LIABILITY.** Except for loss or damage caused through gross negligence or intent, the Parties shall have no liability to each other hereunder.
6. **LEGAL RELATIONSHIP.** This MOU shall be construed as a statement of purpose to promote a genuine and mutually beneficial collaboration between the Parties. Nothing in this MOU shall create any legal relationship between the Parties.
7. **COMMENCEMENT, RENEWAL, TERMINATION.** This MOU will be effective from the date of the last signature hereto and will remain in force for a time period of five (5) years, with a possibility for renewal at the end of the five-year-period, subject to the Parties' written agreement. Either Party may terminate this MOU by giving three (3) months' notice in writing to the other Party.

This MOU has been drawn up in two (2) original copies in the English language, each Party receiving one duly signed copy hereof.

IN WITNESSES WHEREOF:

| Woxsen University:                                                             |                        |
|--------------------------------------------------------------------------------|------------------------|
| Dr. A Sreelatha<br>Dean and Professor,<br>School of Law, Woxsen University     | Sign: <i>Chinnappa</i> |
| Prof. Ummul Waraah<br>Assistant Professor,<br>School of Law, Woxsen University | Date: <i>20/7/24</i>   |

| Education Partner:         |                          |
|----------------------------|--------------------------|
| Name:                      | Sign: <i>[Signature]</i> |
| Title: <i>Sakhi Centre</i> | Date: <i>20/7/24</i>     |





United Way of Hyderabad



## **MEMORANDUM OF UNDERSTANDING**

This MoU made and entered into on this 8<sup>th</sup> MAY, 2025 by and between the following two entities:

**“Woxsen University”** having registered address at Gateway Jubilee, 2nd Floor, Road No. 36, Jubilee Hills, Hyderabad - 500 033, Telangana, hereinafter called **“WOXSEN”**.

**And**

**“United Way of Hyderabad”**, a Society having its registered office at Plot No. 54, Road No 2, Sagar society, Banjara Hills, Hyderabad– 500034 hereinafter called **“UWH”**, collectively referred to as **“PARTIES”**.

### **ABOUT WOXSEN UNIVERSITY**

Woxsen University is the first private university in Telangana that was founded in 2014 and is accredited by the All-India Council of Technical Education (AICTE) and the Council of Architecture (CoA). It is also recognized by the National Board of Accreditation (N.B.A.). It is also a member of the Association of Master of Business Administrations (AMBA), the Association to Advance Collegiate Schools of Business (AACSB), and the Association of Management Development Institutions in South Asia (AMDISA).

### **ABOUT WOXSEN SCHOOL OF ARTS AND DESIGN**

School of Arts and Design, Woxsen University, is located on a sprawling 200-acre campus at Hyderabad. The world-class infrastructure not only facilitates high-quality education but also creates environments that foster creative thinking and collaboration. The classrooms, labs, and workshops are all built to global standards, providing immense scope for effective and productive learning for aspiring designers and painters. Leading professors and industry practitioners from the world's leading design universities provide lectures that equip students with the skills they need to succeed in the global design industry. The Bachelor of Design (Hons.) program at Woxsen is designed to help students expand their knowledge, skills, abilities, and aptitude to become creative problem solvers, while the Ph.D. program provides a

robust platform to enhance in-depth research & domain expertise. The curriculum is also aimed to bring in a fresh perspective & a global outlook in design ideas and executions. The overall structure of the design program is a combination of skill development and enhancement, design projects, and field experiences duly supported by an appropriate proportion of Theoretical lectures. It endeavours to develop and promote a symbiotic partnership between academia and the industry. The School of Arts & Design's ultimate goal is to transform aspiring students' dreams into reality. Perceiving the need for a world-class institute that transcends the conventional curricula, we have strategized content delivery in a genuinely heterodox fashion, even unorthodox. Woxsen is the place to be for aspiring artists and designers, with its state-of-the-art infrastructure, diligent tutors, collaborative peers, and unrivalled ambiance.

## **ABOUT UNITED WAY OF HYDERABAD**

United Way of Hyderabad is an affiliate of United Way Worldwide Network. United Way of Hyderabad attempts to build partnerships between corporations, donors, volunteers, and community-based organizations including non-governmental organisation/s (hereinafter “NGO/s”) that deliver social services directly to communities in need. UWH identifies, through due diligence, the projects undertaken by NGOs that need financial support and encourage corporate to participate in such projects by extending financial support;

Focus areas of UWH are:

- Education and Empowerment
- Livelihood and Skilling
- Comprehensive Community Development Programme
- Health and Wellbeing
- Environment & Sustainability

## **Objective of Collaboration:**

The primary objective of this MOU between the UWH and WOXSSEN is to foster collaborative student projects between School of Arts and Design (including Foundation Design, Communication Design, Fashion Design, Industrial Design, and Henry Sanoff Interior Design departments), Woxsen University and UWH. The main objectives of this collaboration include:

- a. **Joint Workshop and Training Projects:** The Parties will collaborate on training initiatives related to prototyping, innovation, training and workshops and its societal impacts.
- b. **Educational Programs:** Develop and implement joint educational programs and materials focused on raising awareness about prototyping, innovation, training and workshops.
- c. **Outreach Activities:** Organize collaborative outreach activities to engage the community and promote sustainable practices.
- d. **Resource Sharing:** Share resources, expertise, and networks to enhance the effectiveness of both organizations.
- e. **Joint Consultation:** The parties will collaborate on consultation works related to prototyping, innovation, training and workshops and sustainable development related projects and assignments.
- f. **Student Internships and Placements:** The parties will cooperate on exploring potential opportunities for internships and placements of students of the School of Arts and Design, Woxsen University.

#### **Roles and Responsibilities:**

1. WOXSSEN and UWH will mutually identify and facilitate opportunities for collaborative student projects, ensuring alignment with academic objectives and learning outcomes.
2. Both parties will actively seek and engage in joint projects, coordinating efforts to secure funding, resources, and partnerships as necessary.
3. The parties will work together to plan, organize, and execute workshops, conferences, seminars, and other events, sharing responsibilities for logistics, content development, and participant engagement.
4. WOXSSEN and UWH will jointly undertake research and development activities, with faculty members and students collaborating on projects, sharing insights, and contributing to the production of scientific articles and projects.

#### **Confidentiality:**

WOXSSEN and its employees, agents or representatives will not at any time or in any manner, either directly or indirectly, use for the personal benefit of WOXSSEN, or divulge, disclose, or communicate in any manner, any information that is proprietary of the UWH. WOXSSEN and its employees, agents and representatives will protect such information and treat it as strictly

confidential. This provision will continue to be effective even after the termination of this MoU.

Upon termination of this MoU, either PARTIES will return all records, notes, documentation, and other items that were used, created, or controlled by that PARTY to the other PARTY.

**Force Majeure:**

If performance of any obligation under this MoU is prevented, restricted, or interfered with by causes beyond either party's reasonable control ("Force Majeure"), and if the party unable to carry out its obligations gives the other party prompt written notice of such event, then the obligations of the party invoking this provision shall be suspended to the extent necessary by such event. The term Force Majeure shall include, without limitation, acts of God, plague, epidemic, pandemic, outbreaks of infectious disease or any other public health crisis, including quarantine or other employee restrictions, fire, explosion, vandalism, storm or other similar occurrence, orders or acts of military or civil authority, or by national emergencies, insurrections, riots, or wars, or strikes, lockouts, work stoppages. The excused party shall use reasonable efforts under the circumstances to avoid or remove such causes of non-performance and shall proceed to perform with reasonable dispatch whenever such causes are removed or ceased. An act or omission shall be deemed within the reasonable control of a party if committed, omitted, or caused by such party, or its employees, officers, agents, or affiliates.

**Governing Law and Jurisdiction:**

This Agreement shall be governed by and construed in accordance with the laws of India. The parties irrevocably agree that courts at Hyderabad, Telangana, India shall have the exclusive Jurisdiction to decide the matters in respect of all actions, claims, or disputes arising out of this Agreement.

**Dispute Resolution:**

The parties will attempt to resolve any dispute arising out of or relating to this MoU through friendly negotiations amongst the parties. If the matter is not resolved by negotiation, the parties will resolve the dispute using the Alternative Dispute Resolution procedure.

Any controversies or disputes arising out of or relating to this MoU will be submitted to mediation in accordance with any statutory rules of mediation. If mediation is not successful in resolving the entire dispute or is unavailable, any outstanding issues will be submitted to

final and binding arbitration under the Indian laws of Arbitration and Conciliation. The seat of arbitration shall be Hyderabad, India. The Arbitrator's award will be final, and judgement may be entered upon it by any court having proper jurisdiction.

**Intellectual Property:**

In the event of joint development of intellectual property during the collaboration, both parties will share ownership. This shared ownership implies equal rights, responsibilities, and benefits concerning the intellectual property. Proper documentation and agreements will be established to outline the specifics of this shared ownership, including conditions for usage, licensing, and any necessary protections. Recognition and attribution will be accorded as appropriate, reflecting the collaborative nature of the intellectual property.

**Liability:**

Except for loss or damages caused through gross negligence or intent, the Parties shall have no liability to each other hereunder.

**Legal Relationship:**

This MoU shall be construed as a statement of purpose to promote a genuine and mutually beneficial collaboration between the Parties. Nothing in this MoU shall create any legal relationship between the Parties.

**Indemnity:**

Each party (Indemnifying Party) agrees to indemnify and hold harmless the other party (Indemnified Party), its officers, directors, employees, and agents from and against any and all claims, liabilities, damages, losses, and expenses, including reasonable legal fees and costs, arising out of or in any way connection with any act or omission by indemnifying party performed in contravention of the terms of this Agreement.

**Duration/Term of the MoU:**

This MoU shall be valid for THREE YEARS from the date of its entering into and may be mutually extended from time to time in writing by the parties.

**Termination:**

Either Party may terminate this MoU by giving SIX (6) MONTHS' notice in writing to the other Party.

This MoU has been drawn up in two (2) original copies in the English language, each Party receiving one duly signed copy hereof.

**SIGNATURE PAGE FOLLOWS**

IN WITNESS whereof the Parties hereto have caused this MoU to be duly executed, and the day and year first above mentioned.

**This MoU is hereby executed by:**

**For United Way of Hyderabad**



*Rekha S*

Name: **Ms. Rekha Srinivasan**

Position: CEO

Date: 8<sup>th</sup> May 2025

Place: Hyderabad

*Chandrakant*

Witness: **Mr. Chandrakant Komaragiri**

Position: Executive Director

Date: 8<sup>th</sup> May 2025

**For Woxsen University**



*Aditya*

Name: **Dr. Adity Saxena**

Position: Dean-School of Arts and Design

Date: 8<sup>th</sup> May 2025

Place: Hyderabad

*Arun Gupta*

Witness: **Prof. Arun Gupta**

Position: Asst. Dean, ERS

Date: 8<sup>th</sup> MAY 2025

**MEMORANDUM OF UNDERSTANDING (MOU)**

*between*

*AI Research Centre, Woxsen University, Hyderabad, India 502345*

*and*

*The Scubaverse, Esgdao LLC, USA - 08527*

**CLAUSE ONE: THE PARTIES**

This is an agreement between "AI Research Centre, Woxsen University, Hyderabad, India", hereinafter "Woxsen" and "Esgdao LLC 70 Huntington dr Jackson nj - 08527", hereinafter called "Esgdao LLC".

**CLAUSE TWO: PURPOSE & SCOPE**

The purpose of this MOU is to clearly identify the roles and responsibilities of each party as they relate to Academic Collaboration. Exclusively for technical skill development and to give live exposure on Industry real-time projects.

In particular, this MOU is intended to:

1. Organizing workshops, training programs MDPs/FDPs, Guest Lectures, subject matter expert talks, etc
2. Organizing International Competitions, Hackathon and Ideathon jointly.
3. Student's and Faculty Internships at "Esgdao LLC"
4. Collaboratively apply for consultancy projects and research grants.
5. Research collaboration, in the form of writing research papers, whitepapers, case study writing, patents and design registration.
6. Student mentorship on domain expert areas.
7. "AI Research Centre" and "Esgdao LLC" agree to facilitate the exchange of expertise, knowledge, and best practices in their respective fields.

**CLAUSE THREE: FUNDING:**

Both parties agree to specify that this Agreement, being a Cooperation Agreement, does not mean or imply either transfer of economic resources or payment of consideration between both institutions. Separate NDA will be signed for collaborative projects.

**CLAUSE FOUR: GENERAL COORDINATORS:**

Each Party shall designate an administrative office to oversee and facilitate the implementation of any agreements arising out of this MoU. These offices are:

For Woxsen University:

Dr. Raul V. Rodriguez

Vice President, Woxsen University

For Esgdao LLC

Mr Eric Hansel

CEO The Scubaverse

E-mail: [vice.president@woxsen.edu.in](mailto:vice.president@woxsen.edu.in)

E-mail: [e@scubaverse.xyz](mailto:e@scubaverse.xyz)

**CLAUSE FIVE: LIABILITY:**

Except for loss or damages caused through gross negligence or intent, the Parties shall have no liability to each other hereunder.

**CLAUSE SIX: LEGAL RELATIONSHIP:**

This MoU shall be construed as a statement of purpose to promote a genuine and mutually beneficial collaboration between the Parties. Nothing in this MoU shall create any legal relationship between the Parties.

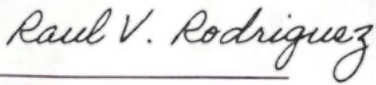
**CLAUSE SEVEN: COMMENCEMENT, RENEWAL, TERMINATION:**

This MoU will be effective from the date of the last signature hereto and will remain in force for a time period of five (5) years, with a possibility for renewal at the end of the five-year-

period, subject to the Parties' written agreement. Either Party may terminate this MoU by giving three(3) months' notice in writing to the other Party.

This MoU has been drawn up in two (2) original copies in the English language, each Party receiving one duly signed copy hereof.

**SIGNATURES AND DATES**

|                                                                                                                                                                                                    |                                                                                                                                                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>AI Research Centre, Woxsen University</b><br><br><br><b>Dr. Raul V. Rodriguez</b><br><br><b>Vice-President</b> | <b>Esgdao LLC, USA:</b><br><br> 8/4/23<br><b>Mr Eric Hansel</b> |
| <b>Witness Signature</b><br><br><br><b>Dr. Hemachandran K</b><br><br><b>Director of AI Research Centre</b>      | <b>Witness Signature</b>                                                                                                                          |

## **MEMORANDUM OF UNDERSTANDING (MOU)**

*between*

*AI Research Centre, Woxsen University, Hyderabad, India 502345*

*and*

*Sleep Therapeutics, Hyderabad - 500 033*

### **CLAUSE ONE: THE PARTIES**

This is an agreement between “AI Research Centre, Woxsen University, Hyderabad, India”, hereinafter “Woxsen” and “*Sleep Therapeutics, Plot no.11, Filmnagar, 8-2-293/82, Road No. 82, J-III, Jubilee Hills, Hyderabad - 500 033, Telangana*”, hereinafter called “*Sleep Therapeutics*”.

### **CLAUSE TWO: PURPOSE & SCOPE**

The purpose of this MOU is to identify the roles and responsibilities of each party as they relate to Academic Collaboration. Exclusively for technical skill development and to give live exposure on biomedical-based real-time research objectives.

In particular, this MOU is intended to:

1. Develop a minimum of 3-4 projects on sleep apnea detection and sleep pattern analysis systems using Sleep Therapeutics hospital data.
2. Collect EEG, ECG, and EMG signal data for a specific age group with utmost confidentiality and anonymity, preferably in .edf or .csv format
3. Provide case-based psychotherapy (CBT), assessments, and sleep pattern-related well-being intervention plans for Sleep Therapeutics needs.
4. Woxsen University and Sleep Therapeutics agree to facilitate the exchange of expertise, knowledge, and best practices in their respective fields.

### **CLAUSE THREE: FUNDING**

Both parties agree to specify that this Agreement, being a Cooperation Agreement, does not mean or imply either transfer of economic resources or payment of consideration between both institutions. A separate NDA will be signed for collaborative projects.

### **CLAUSE FOUR: GENERAL COORDINATORS**

Each Party shall designate an administrative office to oversee and facilitate the implementation of any agreements arising out of this MoU. These offices are:

**For Woxsen University:**

Dr. Raul V. Rodriguez  
Vice President, Woxsen University

**For Sleep Therapeutics**

Dr. Harshini Errabelli  
Designation: Founder & Director  
Interventional Pulmonologist and Sleep  
Specialist

**E-mail: [vice.president@woxsen.edu.in](mailto:vice.president@woxsen.edu.in)**

**E-mail: [director@sleeptherapeutics.in](mailto:director@sleeptherapeutics.in)**

### **CLAUSE FIVE: LIABILITY**

Except for loss or damages caused through gross negligence or intent, the Parties shall have no liability to each other hereunder.

### **CLAUSE SIX: LEGAL RELATIONSHIP**

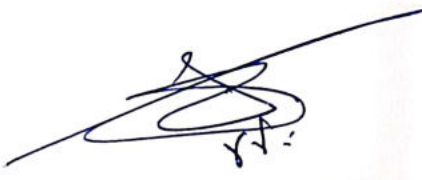
This MoU shall be construed as a statement of purpose to promote a genuine and mutually beneficial collaboration between the Parties. Nothing in this MoU shall create any legal relationship between the Parties.

## CLAUSE SEVEN: COMMENCEMENT, RENEWAL, TERMINATION

This MoU will be effective from the date of the last signature hereto and will remain in force for a time period of one (1) year, with a possibility for renewal at the end of the one year, subject to the Parties' written agreement. Either Party may terminate this MoU by giving three (3) months' notice in writing to the other Party.

This MoU has been drawn up in two (2) original copies in the English language, each Party receiving one duly signed copy hereof.

## SIGNATURES AND DATES

|                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                        |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>AI Research Centre, Woxsen University</b><br><br><br><b>Dr. Raul V. Rodriguez</b><br><b>Vice-President</b>   | <b>Sleep Therapeutics, Hyderabad, India:</b><br><br><br><b>Dr. Harshini Errabelli</b><br><b>Founder &amp; Director Interventional</b><br><b>Pulmonologist and Sleep Specialist</b> |
| <b>Witness Signature</b><br><br><br><b>Dr. Rajesh Kumar KV</b><br><b>Associate Professor, Woxsen University</b> | <b>Witness Signature</b><br><br><br><b>Mr. Barre. Joseph Vinay</b><br><b>Senior Operations Manager- Sleep</b><br><b>Therapeutics</b>                                               |

## **MEMORANDUM OF UNDERSTANDING (MOU)**

*between*

*AI Research Centre, Woxsen University, Hyderabad, India 502345*

*and*

*GSS Edudent Solutions LLP, Hyderabad, Telangana 500018*

### **CLAUSE ONE: THE PARTIES**

This Memorandum of Understanding (MOU) is entered into by and between AI Research Centre, Woxsen University, Hyderabad, India (hereinafter referred to as “Woxsen”) and GSS Edudent Solutions LLP (hereinafter referred to as "Smileguard"), with its main center located at 1st Floor, H. No. 8-4/376/14, New Sastry Nagar, Erragadda, Sanath Nagar, Hyderabad, Telangana 500018.

### **CLAUSE TWO: PURPOSE & SCOPE**

The purpose of this MOU is to clearly identify the roles and responsibilities of each party as they relate to Academic Collaboration. Exclusively for Co-Product Development, Co-Innovation, Joint Funded Research, Wellness Workshops and give live exposure on Industry real-time projects to students.

In particular, this MOU is intended to:

#### **1. Product Collaboration:**

- Explore joint development of AI-driven dental healthcare solutions.
- Share expertise and resources for creating innovative healthcare products.

**Corporate Office**  
Plot No 1267,  
2nd Floor, Gateway Jubilee,  
Road No. 36, Jubilee Hills,  
Hyderabad - 500 033  
India  
T: +91 40 4444 8888

**Campus**  
Kamkole Village - 502 345  
Sadshivpet,  
Medak District,  
Hyderabad.  
India

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- Define clear roles and responsibilities for all stages of product development.

## 2. Research Collaboration:

- Foster joint research projects in AI-based preventive healthcare.
- Exchange research findings, data, and methodologies related to healthcare innovation.
- Collaborate on publications and patents in AI and healthcare.

## 3. Wellness Workshops:

- Develop and offer joint wellness programs focused on dental health and oral hygiene.
- Facilitate workshops and short-term courses on oral hygiene practices, preventive dental care, and stress management for dental professionals.
- Smileguard's participation in specific activities, such as dental camps, shall be voluntary and subject to separate agreements or mutual consent

## CLAUSE THREE: FUNDING:

Both parties agree to specify that this Agreement, being a Cooperation Agreement, does not mean or imply either transfer of economic resources or payment of consideration between both institutions. Separate NDA will be signed for collaborative projects.

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#### **CLAUSE FOUR: GENERAL COORDINATORS:**

Each Party shall designate an administrative office to oversee and facilitate the implementation of any agreements arising out of this MoU. These offices are:

| <b>For Woxsen University</b>                                                                  | <b>For Smileguard LLP</b>                                                     |
|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|
| Dr. Raul V. Rodriguez<br>Vice President, Woxsen University                                    | Dr. Sarath Gangisetty<br>Founder, Smileguard LLP                              |
| <b>E-mail:</b> <a href="mailto:vice.president@woxsen.edu.in">vice.president@woxsen.edu.in</a> | <b>E-mail:</b> <a href="mailto:sarath@smileguard.in">sarath@smileguard.in</a> |

#### **CLAUSE FIVE: LIABILITY:**

Neither party shall be held liable for any losses, damages, or claims arising from this MOU, except in cases of gross negligence or willful misconduct. This MOU is intended to outline mutual collaboration and does not impose any legally binding obligations, liabilities, or penalties on either party.

#### **CLAUSE SIX: LEGAL RELATIONSHIP:**

This MoU shall be construed as a statement of purpose to promote a genuine and mutually beneficial collaboration between the Parties. Nothing in this MoU shall create any legal relationship between the Parties.

#### **CLAUSE SEVEN: COMMENCEMENT, RENEWAL, TERMINATION:**

This MoU will be effective from the date of the last signature hereto and will remain in force for a time period of five (5) years, with a possibility for renewal at the end of the five-year-

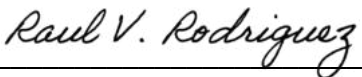
|                                                                                                                                                                            |                                                                                                                 |
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| <p><b>Corporate Office</b><br/>Plot No 1267,<br/>2nd Floor, Gateway Jubilee,<br/>Road No. 36, Jubilee Hills,<br/>Hyderabad - 500 033<br/>India<br/>T: +91 40 4444 8888</p> | <p><b>Campus</b><br/>Kamkole Village - 502 345<br/>Sadasivpet,<br/>Medak District,<br/>Hyderabad.<br/>India</p> |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|

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period, subject to the Parties' written agreement. Either Party may terminate this MoU by giving three(3) months' notice in writing to the other Party.

This MoU has been drawn up in two (2) original copies in the English language, each Party receiving one duly signed copy hereof .

## SIGNATURES AND DATES

|                                                                                                                                                                                                |                                                                                                                                                                                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>AI Research Centre, Woxsen University</b><br><br><br><b>Dr. Raul V. Rodriguez</b><br><b>Vice-President</b> | <b>Smileguard LLP</b><br><br><br><b>Dr. Sarath Gangisetty</b><br><b>Founder</b>                 |
| <b>Witness Signature</b><br><br><br><b>Dr. Hemachandran K</b><br><b>Director of AI Research Centre</b>      | <b>Witness Signature</b><br><br><br><b>Mr. Revanth Vamireddy</b><br><b>Operations Manager</b> |

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