



MEMORANDUM OF UNDERSTANDING
Between
Grand Asian University Sialkot (GAUS)
&
New Life Hospital, Sialkot (NLH)



This Memorandum of Understanding (MoU) is entered into on this **15th October 2024**, between:

Grand Asian University, Sialkot (GAUS), a Chartered University established by the Government of Punjab, Pakistan, vide Notification No. PAP/Legis-2(142)/2021/2713 dated December 24, 2021, duly recognized by the Higher Education Commission (HEC) of Pakistan, with its main campus located at 07 KM Pasrur Road, Sialkot, Punjab, Pakistan, represented by Prof. Dr. Mujahid Kamran, Vice Chancellor, hereinafter referred to as the “*First Party*”.

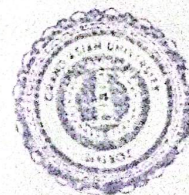
AND

New Life Hospital (NLH), a project of the Islam Group, duly approved by the Punjab Healthcare Commission, located on Commissioner Road, near Islam Central Hospital, Sialkot. It provides comprehensive medical and surgical services through its modern facilities and qualified healthcare professionals. It is represented by Dr. Tanveer Islam, Director, hereinafter referred to as the “*Second Party*.”

Both institutions, hereinafter collectively referred to as the “*Parties*”, recognizing the importance of interdisciplinary collaboration between engineering and medical sciences, hereby agree to the following terms and conditions:

CLAUSE I: OBJECTIVES

- a. To establish the collaborative for internship program for the graduates of GAUS.
- b. To extend medical facilities on discounted rates to the faculty members & Employees of GAUS.
- c. To Share resources of Hospital, with faculty members for Research & Development activities.
- d. To establish and strengthen collaboration for the STEM (Science Technology, Engineering & Mathematics) and Allied Health Sciences fields.
- e. To facilitate clinical, technical, and operational training for faculty and students at Islam Teaching Hospital.
- f. To develop collaborative research and innovation projects aimed at improving hospital technologies, biomedical devices, and healthcare automation.
- g. To enhance faculty and student capacity through professional training, workshops, and access to medical facilities.
- h. To promote a sustainable academic–industry linkage for technological advancement in healthcare delivery systems.





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CLAUSE II: SCOPE OF COLLABORATION

- a. Hospital-based internships and technical training for GAUS Biomedical Engineering students at NLH facilities.
- b. Access to hospital biomedical labs, diagnostic centers, ICUs, and operation theaters for academic learning and practical exposure.
- c. Joint seminars, symposiums, and lectures focusing on medical equipment, patient safety, and hospital engineering systems.
- d. Collaborative curriculum input to align academic content with real-world hospital technology practices and PEC standards.
- e. Joint supervision of student final-year projects or theses in applied biomedical areas.
- f. Development of training modules and simulation-based learning aligned with biomedical engineering standards and hospital practices.

CLAUSE III: R&D AND TECHNOLOGY COLLABORATION

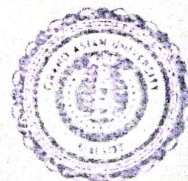
The Parties agree to jointly pursue R&D initiatives in the following thematic areas:

- a. Hospital biomedical equipment testing, calibration, and preventive maintenance systems.
- b. Medical device development and clinical validation for improved healthcare delivery.
- c. Digital health and automation technologies, including IoT-enabled patient monitoring and hospital workflow systems.
- d. Biomedical waste management and sustainability projects.
- e. Applied research collaborations on bioinstrumentation, imaging, and clinical safety systems.
- f. GAUS shall contribute technical expertise, research infrastructure, and student teams, while NLH shall provide clinical access, data, and operational support.
- g. The outcomes may include joint publications, patents, prototypes, and innovation spin-offs under mutually agreed IP arrangements.

CLAUSE IV: RESPONSIBILITIES OF THE PARTIES

GAUS shall:

- a) Recommend qualified students and faculty members for participation in collaborative programs.
- b) Ensure academic, ethical, and PEC-compliant implementation of the Biomedical Engineering curriculum.
- c) Provide engineering laboratories, research support, and technical mentorship.
- d) Coordinate student placements, research projects, and monitoring of training outcomes.
- e) Facilitate joint research proposals to national and international funding agencies.





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NLH shall:

- a) Provide structured hospital-based training, including rotations in biomedical engineering, equipment maintenance, and clinical units.
- b) Allow supervised access to medical and surgical facilities for educational and research purposes.
- c) Facilitate real-time exposure to biomedical devices, operation theater equipment, and critical care systems.
- d) Support joint R&D projects, provide clinical feedback, and host collaborative workshops.
- e) Nominate focal persons to liaise with GAUS for continuous program coordination.

CLAUSE V: COORDINATION & COMMUNICATION

The collaboration shall be managed through:

- The Office of Research, Innovation & Commercialization (ORIC), Grand Asian University Sialkot, and
- The Biomedical and Technical Affairs Division, New Life Hospital.

These offices will jointly oversee implementation, progress tracking, and reporting. Regular review meetings will be held every six months to assess outcomes and plan future initiatives.

CLAUSE VI: FINANCIAL TERMS

Each Party shall bear its own institutional and operational costs unless co-funding or shared financing is mutually agreed upon for specific projects.

Joint research or infrastructure initiatives may apply for grants from PEC, HEC, or international agencies.

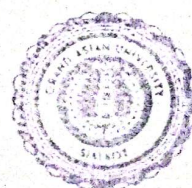
CLAUSE VII: INTELLECTUAL PROPERTY & CONFIDENTIALITY

- a. Intellectual Property (IP) generated through collaborative research or innovation will be governed by a separate IP Agreement defining ownership, usage rights, and benefit sharing.
- b. All proprietary or sensitive information exchanged under this MoU shall remain strictly confidential, and shall not be disclosed to any third party without written mutual consent.

CLAUSE VIII: DURATION & TERMINATION

This MoU shall remain valid for a period of three (03) years from the date of signing and may be renewed upon mutual written consent.

Either Party may terminate this MoU by providing three (03) months' written notice, ensuring completion or orderly closure of ongoing activities.





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CLAUSE IX: MODIFICATIONS & ADDITIONAL AGREEMENTS

Any amendments, modifications, or additional provisions arising from this collaboration must be made in writing and duly signed by both Parties.

Specific operational or R&D agreements may be executed under this MoU for defined purposes such as training modules, research grants, or PEC documentation support.

SIGNATURES

This MoU is executed in two (02) original copies, one for each Party, both having equal legal effect.

For Grand Asian University, Sialkot (GAUS):

For New Life Hospital, Sialkot:

Prof. Dr. Mujahid Kamran
Vice Chancellor

Dr. Tanveer Islam
Director

Mujahid Kamran
Signature: _____



Signature: *Tanveer Islam*

Dated: 15th October, 2024



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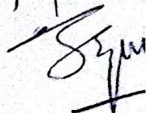
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- d. To establish and strengthen collaboration for the STEM (Science Technology, Engineering & Mathematics) and Allied Health Sciences fields Biomedical Engineering Program at GAUS under Pakistan Engineering Council (PEC) guidelines.
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Registrar

Draft MoU with sister concern institution is PV for approval, please

Chairman BOG.


20/10





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Dr. Tanveer Islam
Director

Signature: _____

Signature: _____

Dated: 15th October, 2024