

## **Memorandum of Understanding (MoU)**

**Between**

**Datex Technologies Private Limited**

**and**

**Government Engineering College, Bhojpur**

This MOU sets forth the terms and understanding between DATEX TECHNOLOGIES Pvt. Ltd., a leading software development company specializing in Data Science, Artificial Intelligence, and Performance Engineering, and Government Engineering College Bhojpur (GECB) to collaboratively enhance academic, research, and training capabilities.

The following programs and activities have been enlisted as part of this MOU:

### **1. Purpose of this MOU is:**

#### **1.1 Establishment of Advanced Labs:**

DATEX TECHNOLOGIES Pvt. Ltd. will assist GECB in setting up advanced laboratories, including:

- Artificial Intelligence Lab
- Internet of Things (IoT) Lab
- Data Science Lab
- Programming Lab

#### **1.2 Consultation for Software, Web Development, and Re-engineering:**

- DATEX TECHNOLOGIES Pvt. Ltd. will provide consultation for software development, including the creation of customized software solutions as per the college's requirements.
- Consultation for the development and enhancement of websites and web portals to improve the digital infrastructure of GECB.
- Provide expert guidance for re-engineering software and web portals, ensuring improved functionality, user experience, and performance.



- Incorporation of Performance Engineering techniques to optimize and modernize software and web applications.
- Offer consultancy for data analytics projects, providing expertise in data interpretation and analysis for academic and administrative purposes.
- Support for Artificial Intelligence (AI) related activities and projects to foster research and innovation in AI.

### **1.3 Personnel Exchange:**

- Exchange of personnel through deputation as per the rules of the respective institute for a limited period as mutually agreed.

### **1.4 Academic and Research Activities:**

- Joint organization of conferences and seminars on emerging technologies.
- Joint guidance of students' projects/models in areas of national interest on mutually agreeable terms.

### **1.5 Training and Workshops:**

- Practical training/workshops for GECB students annually at mutually agreed timings.
- Soft skills training for B.Tech students provided by DATEX TECHNOLOGIES Pvt. Ltd., if required.

### **1.6 Faculty Development and Course Teaching:**

- Faculty development programs on emerging technologies, organized by DATEX TECHNOLOGIES Pvt. Ltd.
- Deployment of DATEX TECHNOLOGIES personnel to teach courses or subjects at GECB, if required.

### **1.7 Webinars and Awareness Programs:**

- Regular webinars conducted by DATEX TECHNOLOGIES Pvt. Ltd. to familiarize students with programming languages and emerging technologies.

### **1.8 Consulting and Collaboration:**

- DATEX TECHNOLOGIES Pvt. Ltd. may seek assistance/guidance from GECB faculty members in projects, product/process modifications, modernization, and troubleshooting.
- Utilize DATEX TECHNOLOGIES Pvt. Ltd.'s expertise and consultancy for setting up programming languages and computer labs at GECB.

### **1.9 Promotional Activities:**

- DATEX TECHNOLOGIES Pvt. Ltd. may showcase its business activities during conferences, seminars, and training sessions conducted under this collaboration.

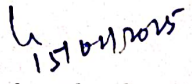



2. **Terms:**

- 2.1. The collaboration will operate under mutually agreed timelines and financial arrangements.
- 2.2. Both parties commit to maintaining the confidentiality of shared information.
- 2.3. This MOU will remain valid for a term of five years from the signing date and can be extended upon mutual agreement.
- 2.4. **Applicable Laws-** The construction, interpretation and enforcement of this MOU shall be governed by the laws of the State of Bihar.

3. **Structure:** In witness where of the parties of this MOU through their duly authorized representatives have executed this MOU on the days and dates set out below, and certify that they have read understood, and agreed to the terms and conditions of this MOU as set forth herein.

AGREED:

  
(Dr. Chandra Bhushan Mahto)  
Principal  
Government Engineering College, Bhojpur  
Date: 15.01.2025

  
(Pushkar Kumar)  
Director  
Datex Technologies Pvt Ltd  
Date: 15-01-2025