



01/04/2021 Dr. B. Umamaheswari  
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**QUEEN MARY'S COLLEGE(A), CHENNAI -4  
DEPARTMENT OF MATHEMATICS**

and

**VLOG INNOVATIONS LLP, CHENNAI -62  
CHENNAI, INDIA**

Knowledge partnership for academic and Training programs  
Memorandum of Understanding

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THE MEMORANDUM OF UNDERSTANDING DATED 12.04.2021

Between

Queen Mary's College (A), Chennai 600004 represented by Dr.B.Umamaheswari, Principal  
(by designation) having her office at Kamarajarsalai, Mylapore, Chennai – 600 004, Tamilnadu,  
hereinafter called the First party

And

The VLOG Innovations LLP, Chennai, India represented by Mr.V.Loganathan, Director (by designation) having his office at Avadi, Chennai hereinafter called the Second party.

do hereby agree to the following:

This Memorandum of Understanding (MoU) between Queen Mary's College (A), Chennai 600004 and VLOG Innovations LLP, Chennai 600 062 Sets forth the agreement of the parties with respect to a mutually beneficial initiative to strengthen the training system and facilitate knowledge partnership for Academic and Training Programmes for Students.

### **I. Objective and role of partnership**

1.1 Queen Mary's College (A), Chennai 600004 and VLOG Innovations LLP, Chennai 600962 partnership is constituted in mutual consultation with each other and based on the overwhelming positive response for academic and Training collaboration for mutual benefit of both the parties of the partnership concerned.

1.2 **The Primary Objective of the partnership** is to provide a platform for Students to interact with the academic for knowledge sharing and for catalyzing joint initiatives to launch development programmes for the benefit of Students. Such knowledge sharing is not merely in terms of the number of human resources required for the types training and skill sets, but is also intended to be much deeper with long-term strategic goals and advantages for both the parties. This partnership will also cater to the needs of educational, Training and consultancy programs in the area of 'Interdisciplinary Projects'.

### **1.3 The activities would involve:**

Conducting Awareness Programmes on Product Development(related to Mathematics), Data Analysis, Statistics, Artificial Intelligence.

- i. Guiding and Supervising M.Sc Projects based on Mathematics ,computer Science interdisciplinary projects, Artificial Intelligence etc..
- ii. Conducting Workshops on Mathematics, computer languages, AI & other concepts through mini Projects for PG students
- iii. Organizing Workshops on Applying Mathematics for various practical projects for UG and PG students.
- iv.

#### 1.4 Internship Training Program during Summer:

All students of 1 M.Sc will be sent to the company VLOG Innovations LLP at Avadi, Chennai during the summer vacation falling between the 2<sup>nd</sup> & 3<sup>rd</sup> Semester for Industrial training. During the training each student will be provided with:

- Hands on experience in product development based on mathematics from start to finish
- Hands on designing of Algorithms based on mathematics for designing of Advanced Microcontrollers
- An exposure to advanced current world concepts like Computational Mathematics for Quantum Computing etc.
- Training in various programming languages/ Applications of Mathematics in 3D designing and printing / Artificial Intelligence / Integration over various domains
- Guidance & supervision to design, construct novel Algorithmic and Computational Solutions for real world problems

#### 1.5 The primary objective of the partnership is to provide a platform to facilitate Knowledge sharing.

Hence the methods of functioning will be as follows:-

- (i) Help the process for Faculty Development in both organizations by taking up Joint Research and Consultancy Projects
- (ii) Jointly Identify Expert Resource Persons

## 2. Member of the partnership committee

- 2.1 The partnership committee will comprise Principal, Queen Mary's College(A), Chennai - 4 and Head, Department of Mathematics, Queen Mary's College (A), Chennai 4 and representatives of the VLOG Innovations LLP with a term of Five years with subsequent renewals and modifications for a further period of one year, subject to renewal of this MoU.
- 2.2 The partnership Committee would meet once every year to take stock of the progress and give directions to the various clauses for implementation.
- 2.3 Queen Mary's College (A), Chennai 4 and VLOG Innovations would provide dedicated staff to work very closely to achieve the goals of the partnership. The Members of



VLOG Innovations and Department of Mathematics, Queen Mary's College (A), Chennai will be the coordinators for the Partnership Committee.

2.4 The Agreement shall commence on 12.04.2021 and shall continue in force until terminated by mutual consent after prior written notice by either party to the other party. The termination will be subject to compliance to the completion of all commitments made. Notwithstanding any such termination, both parties shall ensure that all activities in progress are completed successfully.

2.5 This MoU will be valid for a period of Five years from the date of signing of this MoU. After the expiry of this period, the MoU may be extended for further three years based on mutual interest.

**General:**

This document is a statement of understanding and is not intended to create any binding legal and financial obligations on either party.

Both parties hereto have affixed their signatures:

Authorized Signatory



For VLOG Innovations LLP  
Mr.V.Loganathan  
Founder - Director, VLOG Innovations  
No.155,1<sup>st</sup> floor, Bank of Baroda Complex,  
Kovilpathagai Main Road, Avadi,  
Chennai - 600062.

*B. Umamaheswari*  
12.4.21  
**PRINCIPAL**  
**Queen Mary's College (A)**  
**Chennai - 600 004.**

For Queen Mary's College(A), Chennai 4  
Dr.B.Umamaheswari  
Principal  
Queen Mary's College(A),  
Chennai 600 004

**VLOG INNOVATIONS LLP**  
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