



# Indra Ganesan

## COLLEGE OF ENGINEERING

Madurai Main Road (NH-45B), Manikandam, Tiruchirappalli - 620 012  
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai  
NAAC Accredited, 2(F) Status Institution by UGC



**3.5.1:** Number of functional MoUs/linkages with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years.

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TO WHOMSOEVER IT MAY CONCERN

This is to certify that, the following list of activities were conducted based on the MoU signed between Indra Ganesan College of Engineering, Tiruchirappalli and Verzo Edutech Private Limited, Bangaluru – 560 102.

S.No.	Name of the Activity	No. of Students / Staff Benefited	Date of Activity
1	Research Methodology : Application of AI in Robot Manipulation For Deep Visual Models	49	19.03.2021 to 20.03.2021


MoU Validity Period: 18.04.2019 to 17.04.2022

  
Signature of the MoU signed Industry with Seal



  
Signature of the Principal with Seal



  
**Dr. G. Balakrishnan, M.E., Ph.D.,**  
Principal  
Indra Ganesan College of Engineering  
IG Valley, Madurai Main Road  
Manikandam, Trichy-620 012.

## Extension Of Agreement

For good value, this Extension Agreement is made by and between

### Verzeo Edutech Private Limited

14th Cross Rd, 5th Phase, Sector 6, HSR Layout, Bengaluru,  
Karnataka 560102.

and

### Indra Ganesan College of Engineering

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Madurai Main Road (NH-45B), Manikandam, Tiruchirappalli-620 012


Whereas a certain Agreement between the parties dated 18 April, 2019, expires on 17 April 2022 and the parties want to extend and continue said Agreement; it is agreed that said Agreement is extended for an additional term commencing upon the expiration of the original term and shall now expire on 06 April, 2025.

This extension shall be on all other terms and conditions as stated in the original Agreement.

This extension Agreement shall be binding upon and inure to the benefit of the parties, their successors, and personal representatives.

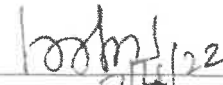
Signed under seal this Date: 07.04.2022

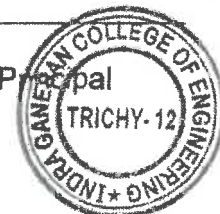
Verzeo Edutech Private Limited.

  
By  
**Mr.G.V.N.Prasad, Managing Director**



Indra Ganesan College of Engineering

  
By  
**Dr.V.S.Thangarasu, Principal**



  
**Dr. G. Balakrishnan, M.E., Ph.D.,**  
Principal

Indra Ganesan College of Engineering  
IG Valley, Madurai Main Road  
Manikandam, Trichy-620 012.



தமிழ்நாடு தமில்நாடு TAMIL NADU

71AB 035790

12 APR 2019

Dr. G. Balakrishnan, M.E., Ph.D.,  
Principal

Indra Ganesan College of Engineering  
IG Valley, Madurai Main Road  
Manikandam, Trichy-620 012.

S. ராஜ்குமார்  
மு.தா. வி  
L.No: 6/2000  
முசிரி, தமிழ்நாடு

## Memorandum of Understanding (MoU)

between

**Verzeo Edutech Private Limited**

14th Cross Rd, 5th Phase, Sector 6, HSR Layout, Bengaluru,  
Karnataka 560102.

and

**Indra Ganesan College of Engineering**

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai  
Madurai Main Road (NH-45B), Manikandam, Tiruchirappalli-620 012

The Agreement is executed on this 18<sup>th</sup> April, 2019 (Effective Date) between:

Verzeo Edutech Private Limited, 14th Cross Rd, 5th Phase, Sector 6, HSR Layout, Bengaluru, Karnataka 560102, (which expression shall include its successors and assigns) of the first part:

and

Indra Ganesan college of Engineering, Trichy- 620 012 herein after called the "IGCE", having its permanent campus and office at Madurai Main Road, NH-45B, Manikandam, Tiruchirappalli – 620012, (which expression shall unless repugnant to the context or meaning thereof be deemed to mean and include its successors and assigns) of the second part

Whereas:

- **Details of Verzeo Edutech Private Limited**

Verzeo is the place to be when it comes to learning and specialising in the latest technologies that are doing the rounds. Our courses are focused on creating well-rounded, tech-savvy individuals who are proficient with various tenets and concepts of the underlying domains.

Verzeo is a pioneer in the Ed-Tech industry, the fastest-growing professional training platform in the country. As part of our initiative for educating the upcoming generations to be producers of technology, we provide top-class internship and certification programs.

- **Details of Indra Ganesan college of Engineering**

- The college established in the year 2008 by the Indra Ganesan Educational and Charitable Trust with a noble vision to provide higher

  
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Principal  
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education in the field of Engineering for our students' community, especially from rural areas.

- The College is offering Bachelor Engineering Degree Programme (B.E./B.Tech.) in Civil Engineering, Computer Science and Engineering (CSE), Electronics and Communication Engineering (ECE), Electrical and Electronics Engineering (EEE), Mechanical Engineering and Information Technology.
- The College is also offering Post Graduate Degree Programme in M.E. Computer Science and Engineering, M.E. - VLSI Design and MBA - Management Studies.
- The College is well equipped with labs prescribed by Anna University and all other facilities required for peaceful learning environment for the students.
- The College is maintaining a good retention of faculty members which also enhances proper functioning of the academic and administrative system.
- Apart from academic concentration, the College is concentrating on sports and discipline which is felt very much essential in contributing good citizens to the society to build a strong nation as dreamt by our former President Dr.APJ Abdul Kalam.

#### **Vision- IGCE**

To evolve as a center of excellence in Engineering, Technology and Management with distinctive research capabilities and to transform the students into knowledgeable, skilled professionals with high ethical values to cater the needs of the society.

#### **Mission-IGCE**

- To impart practical example based teaching
- To develop Engineering and Communication skills
- To impart the importance of lifelong learning
- To develop positive attitude



**Dr. G. Balakrishnan, M.E., Ph.D.,**  
Principal  
Indra Ganesan College of Engineering  
IG Valley, Madurai Main Road  
Manikandam, Trichy-620 012.

**The Agreement:**

The Verzeo Edutech Private Limited and IGCE enter into the following agreements:

- Verzeo Edutech Private Limited, Bengaluru offers Internship/In-plant training for reasonable number of students based on the demand.
- Verzeo Edutech Private Limited, Bengaluru offers Workshops, Seminars and Value added courses for the student on recent trends in Information Technology.
- Verzeo Edutech Private Limited, Bengaluru provides technical support for industry based projects for final year students.
- Verzeo Edutech Private Limited, Bengaluru shall provide support for Faculty development programs/Special Lectures in the emerging areas on mutually convenient dates.
- IGCE shall provide infrastructure facilities, and technical support as required by Verzeo Edutech Private Limited.
- Both parties shall maintain confidentiality about any information, course materials, plans, discussion, strategies or any material, which are deemed to be confidential.
- The implementation of specific activities will be separately agreed between both organizations on need basis
- Other terms and conditions which are not provided in this Agreement will be deliberated and agreed upon by the organizations hereto.
- This Agreement is established in English language and is valid from the date of signing by the representatives of the organizations. The organizations hereto have executed this Agreement in duplicate, and each organization shall keep one copy of the originals.
- This agreement shall be governed by and construed in accordance with the laws of India.
- The two parties will consult each other and attempt to resolve disputes or misunderstandings that arise in the administration of this agreement informally.

- This agreement shall be valid for a period of three years from the date both signatures are affixed to this document or before if terminated by mutual agreement of both. This agreement may be terminated by either party after one hundred and twenty (120) days following receipt of a written notification of intent to terminate by the other party.
- If a proposal to renew this agreement is not presented before the end validity period, it will be terminated automatically at the end of three years.

**Arbitration:**

- This MoU is executed in duplicate with each copy being an official version of the agreement and having equal legal validity.
- In the event of any dispute or difference between the parties hereto, such disputes or differences shall be resolved amicably by the mutual discussion of the heads of the two organizations.

By signing below, the parties, acting by their duly authorized officers, have caused this Memorandum of understanding to be executed, effective as of the day, month and year mentioned in the beginning of the MoU.




**Dr. G. Balakrishnan, M.E., Ph.D.,**  
Principal  
Indra Ganesan College of Engineering  
IG Valley, Madurai Main Road  
Manikandam, Trichy-620 012.



Signed and delivered on behalf of by


Mr.G.V.N.Prasad Managing Director, Verzeo Edutech Private Limited, Bengaluru in the presence of Mr.R.Anil Reddy, Project Executive, Verzeo Edutech Private Limited, Bengaluru.

**For and on behalf of Verzeo Edutech Private Limited**

  
Name: Mr.G.V.N.Prasad  
Managing Director,  
Verzeo Edutech Private Limited,  
Bengaluru



**For and on behalf of Indra Ganesan College of Engineering**

  
Name: Dr.S. Bharathi  
Principal,  
Indra Ganesan College of  
Engineering, Trichy



**In presence of**



1. Mr.R.Anil Reddy,  
Project Executive,  
Verzeo Edutech Private Limited,  
Bengaluru

**In presence of**



1. Mrs.K.Uthradevi,  
Head of the Department,  
Department of Information Technology,  
IGCE, Trichy -12



2. Mrs.K.Lakshmi Praba,  
Human Resource Officer,  
Verzeo Edutech Private Limited,  
Bengaluru



2. Mr.D.P.Devan  
Assistant Professor,  
Department of Information Technology,  
IGCE, Trichy -12.

  
Dr. G. Balakrishnan, M.E., Ph.D.  
Principal

Indra Ganesan College of Engin  
IG Valley, Madurai Main Rd  
Manikandam, Trichy-620 011



# Indra Ganesan

**COLLEGE OF ENGINEERING**  
Madurai Main Road (NH-45B), Manikandam, Trichy-12.  
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## Report on Two days Research Methodology Workshop

Title:	Two Days Research Methodology Workshop on "Application of AI in robot manipulation for deep visual models"				
Resource Person:	Dr.S.Vanaja, Project Manager Verzeo Technologies				
Date of conduct from:	19.03.2021- 20.03.21	To:	-	Duration:	2 Days
Organized Department:	INFORMATION TECHNOLOGY				
Participant Year:	3,4	No.of Students Registered:	49		
Venue:	IT Seminar Hall meet.google.com/fkc-yifm-zur				

### Outcome of the RM :At the end of the Course, Students can able to

- Learning visual predictive models has great potential for real-world robot manipulations.
- Visual predictive models serve as a model of real-world dynamics to comprehend the interactions
- Address this limitation, we present a novel formulation for robot manipulation that can be accomplished
- Propose a novel visual predictive model that combines an action decomposer and a video prediction network
- sampling-based planner, our model achieves a higher success rate using high-level actions on a variety of real robot manipulation tasks.

### Glimpse from the event.



*(Signature)*  
**Dr. G. Balakrishnan, M.E., Ph.D.,**  
 Principal  
 Indra Ganesan College of Engineering  
 IG Valley, Madurai Main Road  
 Manikandam, Trichy-620 012.

*(Signature)*  
**RM Coordinator**

*(Signature)*  
**HOD/IT**

*(Signature)*  
**Principal**