



Administrative Office:

1st Phase JP Nagar, Bengaluru - 560 078 ②: 080-3041 0501 - 502 Fax: 080-2654 8658

#### THE OXFORD COLLEGE OF ENGINEERING

(Recognised by the Govt. of Karnataka, Affiliated to Visvesvaraya Technological University, Belagavi& Approved by A.I.C.T.E. New Delhi, Accredited by NAAC & NBA New Delhi and Recognised by UGC Under Section 2(f)) Bommanahalli, Hosur Road, Bangalore –560068.

D: 080 -30219601/602, Fax: 080 - 25730551/ 30219629 E-mail: engprincipal@theoxford.edu Web: www.theoxford.edu

Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the last five years (10)

				2022-23	
sl.no	Dept	ORGANISATION WITH WHICH MOU IS SIGNED	DURATION	LIST THE ACTUAL ACTIVITIES UNDER EACH MOU YEAR WISE	NUMBER OF STUDENTS/TEACHERS PARTICIPATED UNDER MOUS
1	CSE	Prinston Smart Engineers	Jan 2021 - Jan 2024	Internship	50
2		ADJ Infotech Services pvt ltd	Jan 2021 - Jan 2024	Internship	2
3		Fantasy Technologies	Jan 2021 - Jan 2024	Internship	2
4	ISE	Beekoder Technologies pvt ltd	April 23 to April 24	Workshop	68
5	IDE	Contriver	August 22 to August 23	Internship	6
6		Take it smart	August 22 to August 23	Internship	17
7		UNMSM San Macros	August 22 to August 24	Workshop	30
3		DigiToad Technologies	August 22 to August 24	Internship	9
	EC	Quad power	Jan 2022 - Jan 2024	Internship	10
		Oxford Dental College	Jan 2022 - Jan 2025	Research Collaboration	2
		ntel India	December 2022 to December 2024	Project	4
F	EEE I	Decibels Lab	Nov 22 to Nov 23	Internship	3
	L	GS Trust	Jan 2022 - Jan 2025	Internship	2
	C	riyagen agri and Biotec pvt ltd	Jan 2021 - Jan 2025	Internship	2
	BT  C	ell Sparx bio tech LLP	Jan 2022 - Jan 2024	Internship	2

T 16	7	Azyme Biosciences Pvt.Ltd	July 2022 to July 2024	Project	3
17		Stericon Pharma Pvt.Ltd	August 2022 to August 2024	Internship	4
18		Prinston Smart Engineers	Oct 20- Oct 23	Internship	3
19		GTTC	August 2021 to Septmeber 2023	Internship	2
20	MECH	Excel Springs Pvt Ltd	August 2021 to Septmeber 2023	Internship	3
21		Ehaa Technologies	August 2021 to Septmeber 2023	Internship	3
22		KGTTI	Jan 2021 - Jan 2024	Internship	3
23	CIVIL	CMTI	January 2021 to January 2026	workshop	53
24		KGTTI	Jan 2021 - Jan 2024	Internship	3
	MTE		March 3rd 2023 to March 3rd		
25		VI Solutions	2024	Workshop	18
26	MBA	Research International	January,2022 to January 2025	Guest lecture	1
2.7		Veterans India	June -2023 to May 2028	Workshop	1

PRINCIPAL
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru-560 068

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

#### The Oxford College Of Engineering

#### Department Of Computer Science and Engineering and Prinston Smart Engineers, Bangalore





The Memorandum of Understanding is made between Department of Computer Science and Engineering, THE OXFORD COLLEGE OF ENGINEERING and PRINSTON SMART ENGINEERS, to promote the cooperation in Workshops, Conferences and Seminars would be mutually beneficial. The areas of cooperation may include, subject to mutual consent, any desirable and feasible activity that would further the goals of each institution. Such interaction may include cooperation in a variety of joint academic and educational activities such as:

- To conduct the conferences, seminars and workshops.
- Should accommodate the UG students in such a number that industry deems convenient to it for the purpose of imparting industrial training and internships.
- To give the placement opportunities to the students.

The parties anticipate that a number of these initiatives will occur during the period of this MOU i.e (Jan -2021 to Jan -2024). However, neither party is obligated to agree to any minimum number of activities, nor is this MOU intended to preclude either party from entering into similar agreements with other institutions.

The following initiatives provide good starting places and can be implemented as soon as administrative details are agreed upon between the two institutions:

This MOU shall be identified as the parent document of any program agreement executed between the parties. Further agreements concerning any program shall provide details concerning the specific commitments made by each party and shall not become effective until they have been reduced to writing, executed by the duly authorized representatives of the parties.

This Agreement shall become effective upon being signed by both parties.

Dr. R CH A NAIDU HOD(CSE)

THE OXFORD COLLEGE OF ENGINEERING

HEAD OF THE DEPARTMENT
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
THE OXFORD COLLEGE OF ENGINEERING
BENGALURU - 560 068

SIGNATORIES

Dr. G. T. RAJU
PRINCIPAL
THE OXFORD COLLEGE OF ENGINEERING

OXFORD COLLEGE OF ENGINEER

PRINCIPAL

The Oxford College of Engineering Bommanahalli, Hosur Ruad Bengaluru-560 068.

HEAD OF TRAINING

CHIEF

EXECUTIVEOFFICERPRINST

ON SMART ENGINEERS

**CERTIFICATE CODE: PSEFSWD2828** 



Prinston Smart Engineers
Engineering, Maintenance & Training Services



Internship Certificate

This Certificate is proudly presented to

### SANTOSH KUMAR PANDEY

For successful completion of internship in "Full Stack Web Development" with Grade "A" from "August 20th to September 20th 2022."

Usn: 10X19CS091

**College:** THE OXFORD COLLEGE OF ENGINEERING

Mode of Internship: Offline







UDYAM - DL-08-0031663



AUTOTIZED ORIGINALI

www.prinstonsmart.com

info@prinstonsmart.com

# Memorandum of Understanding

Between

ADJ InfoTech Services PVT. LTD. Vecrshaivya Nagar, Bharti Vidyapeeth , Solapur

and

The Department of Information Science and Engineering
The Oxford College of Engineering,
10th Milestone, Bommanahalli, Hosur Road, Bengaluru-560.068.

This Memorandum of Understanding (MOU) between the ADJ InfoTech Services PVT LTD. and Department of Information Science and Engineering of The Oxford College of Engineering, Bengaluru details the modalities and general conditions regarding collaboration between both the partners

### 1. SCOPE OF MOU

This MOU aims to develop strategic association and explore long term collaboration opportunities between both parties to

- a) Mutual training, knowledge sharing, project consultancy and R&D activities of mutual benefit.
- b) Support development of employability enhancing skills and traits that lead to overall success of students, teachers and their institution.
- c) Promote a global mindset through hands-on experiences and exposure to best practices from the best institutions in the world.
- d) Create Placements engagement and development opportunities for students through programmes, lectures, seminars, conferences, events, study trips, internships.



# 2. KEY OPERATION AREAS

The Scope of the MOU can be accomplished by undertaking the following activities. Any financial consideration or expenses relating to any of the activities will be agreed separately between both parties through a written notification.

- a) Mutual knowledge exchange programs between ADJ InfoTech Services PVT LTD, and TOCE at faculty and research scholar's levels.
- b) Joint project consultancy at prorate basis to handle customers' projects.
- c) Organizing International and National conferences with joint contributions for knowledge sharing and R&D activities.
- d) Organizing workshops and seminars/FDPs for specific skill building.
- e) Focused training to students to bridge the gap between Academia & Industry support for placement of students.

# 3. ACTIVITIES AND OBLIGATIONS OF ADJ InfoTech Services PVT LTD.

ADJ INFOTECH deliver one of the industry's broadest portfolios of information technology and business process outsourcing services to clients in the manufacturing, education services, sports & entertainments, healthcare, communications, energy, transportation, consumer & retail industries, and to Governments around the World.

IT Consulting & Solution Center Management Consulting Center Business Consulting Center Outsourcing Solutions Government Contract Solutions

Testing, Usability, Quality testing and user group testing

#### STRONG POINTS OF TOCE

- a) Enrolment of students for various technical courses.
- b) Provisioning of the required infrastructure to enable the training and related activities:
  - i. Classrooms/Auditoriums.
  - Audio Visual Systems (Project & Loudspeaker Systems or Individual PCs & Headsets).
  - iii. Qualified faculty members for consultancy projects and research activities.
  - iv. Good laboratories for innovative activities.
  - Stable high speed internet connectivity to enable live online classes without any technical glitches.

### 5. GENERAL CONDITIONS

- a) Each party will establish a single point of contact who will serve as the principal interface for his/her respective organization.
- b) Either party may cancel this MOU and any extension thereof by providing the other party with 30-day notice of cancellation. Such cancellation notice shall be sent by certified mail and will be effective 30 days from the date sent. Cancellation of this agreement will have no effect on approved project agreements.
  - c) Any form of financial commitment in the form of payments, discounts, vouchers, IPRs, patents etc. to be agreed separately between both parties through a written notification

# EFFECTIVE DATE

a) This MOU will be effective upon the date of the final signature of this document for a period of three year with one-year extensions available upon written mutual agreement. Extensions become effective upon final

b) This MOU will lapse if there is no activity or engagement between both the parties for a continuous period of 12 months from the start of the agreement date and each anniversary thereon.

## **AUTHORISED SIGNATORIES**

M/s A.D.J. INFOTECH SERVICES PVT. LTD. Veershiavy Nagar, Near Bharti Vidyapeeth. Solapur - 413004

Ms. Jvoti Thengale Executive Director ivoti@adjinfotech.com | jvotitarange@gmail.com 9156541760 | 8788556981

Department of Information Science and Engineering The Oxford College of Engineering, 10th Milestone, Bommanahalli, Hosur Road, Bengaluru-560 068

Dr. R. Kanagavalli, Professor & Head Email: enghodise@theoxford.edu Telephone: 9900300877

Through these contact persons, either party may initiate proposals for activities under this agreement. Specific details will be set forth in a letter of agreement which will form part of this general arrangement following signature by the appropriate authorities of both parties.

A letter of agreement will include such items as:

1. Elaboration of the responsibilities of each institution for the agreed upon activity. Scheduled for specific activity



2. Any other terms deemed necessary for the efficient management of the activity. Signatures of concerning officials

A.D.J. INFOTECH VICES I

Date: 29/9/2021

Ms. Jyoti Thengale

A.D.J. INFOTECH PVT LTD

**Executive Director** 

jyoti@adjinfotech.com | jyotila.com jyoti@adjinfotech.com | 9156541760 | 8788556981

DIRECTOR

Date: 29/9/2021

Organization: ISE, The Oxford College of Engineering

Designation: Professor & Head

Dr. R. KANAGAVALLI PROFESSOR & HOD-ISE The Oxford College Of Engineering

Bommanahaili, Hosur Main Road. ". Bangalore 560 668.

# **CERTIFICATE OF INTERNSHIP**

This internship program certificate is proudly awarded to

# **Dhanya Ganapathy**

For Successful completion of internship in "Python programming "With grade A from "October 25th 2022 to November 25th 2022" from The Oxford College of Engineering with ADJ Infotech Service Pvt. Ltd.

Avery Davis

Ashok singhal Program Manager

# Memorandum of Understanding

Between

FANTASY TECHNOLOGIES
Shop 25,26 R.N. GOLI CELEBRATION COMPLEX
ABOVE SBI BANK, ASHOK Chowk - Solapur 413006

and

The Department of Information Science and Engineering
The Oxford College of Engineering,
10th Milestone, Bommanahalli, Hosur Road, Bengaluru-560 068.

This Memorandum of Understanding (MOU) between the Fantasy Technologies, and Department of Information Science and Engineering of The Oxford College of Engineering, Bengaluru details the modalities and general conditions regarding collaboration between both the partners

#### SCOPE OF MOU

This MOU aims to develop strategic association and explore long term collaboration opportunities between both parties to

- Mutual training, knowledge sharing, project consultancy and R&D activities of mutual benefit.
- b) Support development of employability enhancing skills and traits that lead to overall success of students, teachers and their institution.
- c) Promote a global mindset through hands-on experiences and exposure to best practices from the best institutions in the world.
- d) Create Placements engagement and development opportunities for students through programmes, lectures, seminars, conferences, events, study trips, internships.



### 2. KEY OPERATION AREAS

The Scope of the MOU can be accomplished by undertaking the following activities. Any financial consideration or expenses relating to any of the activities will be agreed separately between both parties through a written notification.

- a) Mutual knowledge exchange programs between Fantasy Technologies.
   and TOCE at faculty and research scholar's levels.
- b) Joint project consultancy at prorate basis to handle customers' projects.
- c) Organizing International and National conferences with joint contributions for knowledge sharing and R&D activities.
- d) Organizing workshops and seminars/FDPs for specific skill building.
- e) Focused training to students to bridge the gap between Academia & Industry support for placement of students.

### 3. ACTIVITIES AND OBLIGATIONS OF FANTASY TECHNOLOGIES

Fantasy Technologies deliver one of the industry's broadest portfolios of IT TRAINING INDUSTRY. We have tieups with various academic institutions and industries for catering training programs of technologies. Our BPO/KPO business process outsourcing services to clients in the manufacturing, education services, healthcare, communications, energy, transportation, consumer & retail industries, and to Governments around the World.



IT TRAINING
BPO/KPO Consultancy
Software Development
Outsourcing Solutions
Government Contract Solutions

### 4. STRONG POINTS OF TOCE

- a) Enrolment of students for various technical courses.
- b) Provisioning of the required infrastructure to enable the training and related activities:
  - i. Classrooms/Auditoriums.
  - ii. Audio/Visual Systems (Project & Loudspeaker Systems or Individual PCs & Headsets).
  - iii. Qualified faculty members for consultancy projects and research activities.
  - iv. Good laboratories for innovative activities.
  - v. Stable high speed internet connectivity to enable live online classes without any technical glitches.

# 5. GENERAL CONDITIONS

- Each party will establish a single point of contact who will serve as the principal interface for his/her respective organization.
- b) Either party may cancel this MOU and any extension thereof by providing the other party with 30-day notice of cancellation. Such cancellation notice shall be sent by certified mail and will be effective 30



days from the date sent. Cancellation of this agreement will have no effect on approved project agreements.

c) Any form of financial commitment in the form of payments, discounts, vouchers, IPRs, patents etc. to be agreed separately between both parties through a written notification

### 6. EFFECTIVE DATE

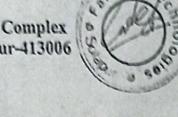
a) This MOU will be effective upon the date of the final signature of this document for a period of three year with one-year extensions available upon written mutual agreement. Extensions become effective upon final signature of the appropriate parties.

b) This MOU will lapse if there is no activity or engagement between both the parties for a continuous period of 12 months from the start of the

agreement date and each anniversary thereon.

### 7. AUTHORISED SIGNATORIES

FANTASY TECHNOLOGIES 25,26 Shop R.N.Goli Celebration Complex Above SBI ,Ashok Chowk, Solapur-413006



Ms. Jyoti Tarange Founder Directo iyoti@fantsytech.in | iyotitarange@gmail.com 9156541760 | 8788556981

Department of Information Science and Engineering
The Oxford College of Engineering,
10th Milestone, Bommanahalli, Hosur Road, Bengaluru-560 068

 Dr. R. Kanagavalli, Professor & Head Email: enghodise@theoxford.edu
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1. Elaboration of the responsibilities of each institution for the agreed upon activity. Scheduled for specific activity

2. Any other terms deemed necessary for the efficient management of the

activity.

Signatures of concerning officials

FANTASY TECHNOLOGIES

Ms. JYOTI TARANGE FOUNDER DIRECTOR

jyoti@fantasytech.in | jyotitarange@gmail.com 9156541760 | 8788556981

Date: 29/19/202/

Name: Dr. R. Kanagavalli

Organization: ISE, The Oxford College of Engineering

Designation: Professor & Head

Dr. R. KANACAV ... PROFESSOR & HOULD The Oxford Collège Of Engin : 191 Bommanahalli, Hosur Main do.d. Bangalore 560 058.

# **CERTIFICATE**

OF INTERNSHIP

This certificate is presented to



# Srilakshmi

For Successful completion of internship in "Python programming "With grade A from "October 25th 2022 to November 25th 2022" from The Oxford College of Engineering with Fantasy Technology.

Rakesh singh

**GENERAL MANAGER** 

# Memorandum of Understanding

# Between M/s. BEEKODER Technologies Pvt Ltd

and

### The Department of Information Science and Engineering

The Oxford College of Engineering,  $10^{th}$  Milestone, Bommanahalli, Hosur Road, Bengaluru-560 068.

This Memorandum of Understanding (MOU) between the and Department of Information Science and Engineering of The Oxford College of Engineering, Bengaluru details the modalities and general conditions regarding collaboration between both the partners

### 1. SCOPE OF MOU

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- a) Mutual training, knowledge sharing, project consultancy and R&D activities of mutual benefit.
- b) Support development of employability enhancing skills and traits that lead to overall success of students, teachers and their institution.
- c) Promote a global mindset through hands-on experiences and exposure to best practices from the best institutions in the world.
- d) Create Placements engagement and development opportunities for students through programmes, lectures, seminars, conferences, events, study trips, internships.

#### KEY OPERATION AREAS 2.

The Scope of the MOU can be accomplished by undertaking the following activities. Any financial consideration or expenses relating to any of the activities will be agreed separately between both parties through a written notification.

- a) Mutual knowledge exchange programs between CODE B and TOCE at faculty and research scholars levels.
- b) Joint project consultancy at prorate basis to handle customers' projects.
- c) Organizing International and National conferences with joint contributions for knowledge sharing and R&D activities.
- d) Organizing workshops and seminars/FDPs for specific skill building.
- e) Focused training to students to bridge the gap between Academia & Industry support for placement of students.

### ACTIVITIES AND OBLIGATIONS OF TEQUED LABS 3.

- a) Providing quality education on latest technologies and develop products which are of great need to the society.
- b) Consultancy and project delivery in terms of services and products.
- c) Cost-effective, convenient and easy-to-manage individual/group Class room training on Software Courses.
- d) End-to-end delivery of the training to the students of ISE and other department of TOCE.
- e) Placement assistance to students completing the training successfully.
- f) On Campus online training programs for the students of TOCE to assist them further to be technologically ready, industry ready and highly employable at the end of the Engineering program.

# STRONG POINTS OF TOCE

- a) Enrolment of students for various technical courses.
- b) Provisioning of the required infrastructure to enable the training and related activities:
  - i. Classrooms/Auditoriums.

- ii. Audio/Visual Systems (Project & Loudspeaker Systems or Individual
- iii. Qualified faculty members for consultancy projects and research activities.
- iv. Good laboratories for innovative activities.
- v. Stable high speed internet connectivity to enable live online classes without any technical glitches.

#### GENERAL CONDITIONS 5.

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#### EFFECTIVE DATE 6.

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### **AUTHORISED SIGNATORIES**

### M/s. Beekoder

1. Name: Mr. Vipul Anand Dirctor Beekoder Technologies Pvt Ltd

2. Email: vipul@beekoder.com

3. Telephone: 8797101236

# Department of Information Science and Engineering

The Oxford College of Engineering,

10<sup>th</sup> Milestone, Bommanahalli, Hosur Road, Bengaluru-560 068

Dr. R. Kanagavalli, Professor & Head 1.

Email: enghodise@theoxford.edu 2.

Telephone: 9900300877

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2. Any other terms deemed necessary for the efficient management of the activity.

Signatures of concerning officials

Director, Beekoder Tecnologies Pvt Ltd

2023.

Name: Dr. R. Kanagavalli

Organization: ISE, The Oxford College of Engineering

Designation: Professor & Head

Date: 12)4)2023

Dr. R. KANAGAVALLI PROFESSOR & HOD-ISE The Oxford College Of Engineering Bommanahalli, Hosur Main Soad, Sangaiore 560 068.



# Children's Education Society ® DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING THE OXFORD COLLEGE OF ENGINEERING

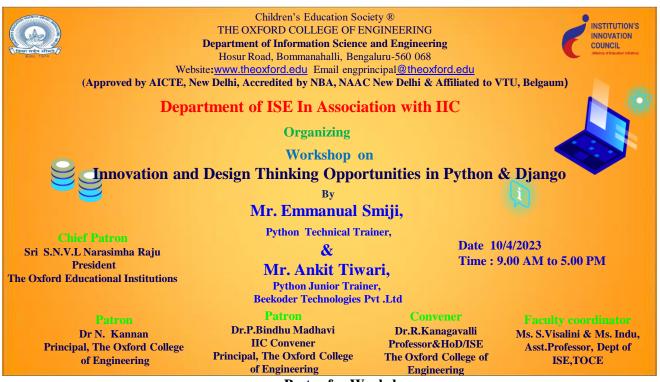
Hosur Road, Bommanahalli, Bengaluru-560 068

Website: www.theoxford.edu Email: enghodise@theoxford.edu

(Approved by AICTE, New Delhi, Accredited by NBA, NAAC, New Delhi & Affiliated to VTU, Belgaum)

#### **REPORT**

# Workshop on Innovation and Design Thinking Opportunities in Python & Django



Poster for Workshop

The Oxford college of Engineering has organized 2days workshop on Innovation and design thinking opportunities in python and Danjo for third year students of ISE was conducted by Beekoder Technologies Pvt .Ltd, from 10/4/2023 and 11/4/2023..A total of 96 students enrolled for this program . Total duration of the course was 14 hrs..

All the theory classes & lab practices were held at ISE Seminar Hall , The Oxford College of Engineering from 9.00 am to 4.15 pm dated from 10/4/2023 and 11/4/2023(2 days).

The speakers Mr. **Emmanual Smiji** and Mr **Ankit Tiwari** and co speaker **Mr.Ajenkiya** conducted python programming concepts to all students along with how to create web application using python and Django environment innovatively. The trainer taught basic programming design concept like checking palindrome, changing the case using predefined functions and explained the file organization concept in Django and how to design and develop the web page using python code to all students.

All the trainers have good knowledge in all the programming concepts and thought how innovatively it can be designed. All topics were explained well with examples and the classes were interactive. The trainers discussed possible interview questions of every topic and also gave interview tips.

By doing this workshop the students got an understanding of web development in integrated environment and to handle the code innovatively.

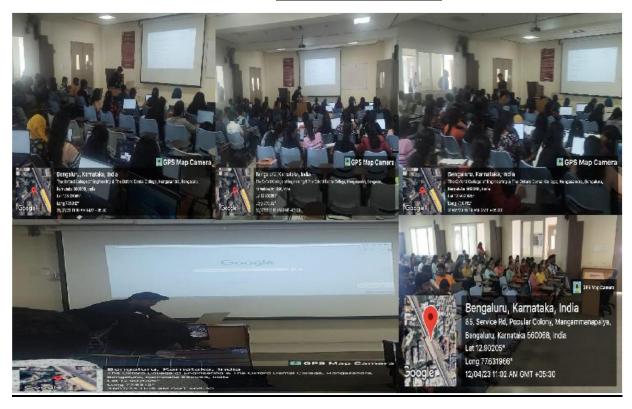
#### **OBJECTIVES:**

- Make the students to Develop innovative full-stack web sites based on content stored in an RDMS
- Use python data types appropriately
- To design the innovative data models
- Understand the architecture of a Django-based web site and to design the innovative website based on the learnt concepts

#### **OUTCOMES:**

- Students learnt How to create routes (or views) with Django and developed the innovative websites
- Students learnt How to design the static content and files innovatively using Django
- Students learnt How to design the templates with models to serve data dynamically.

### **PHOTO COLLAGE**



No. of Students participants: 60

No. of Faculties: 8

#### Videolink:

https://drive.google.com/file/d/1PjbA szTqnKi0vQ4wAzMfpI9QrVAowPl/view?usp=sharing

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Student's feedback: Students were satisfied with course content and the way the sessions were conducted.

**faculty feedback:** The speakers discussed the interview questions with the students which will help the students for their placements .Overall the session was good for our third year students.

### List of attendees of the session

			SEMESTER	SIGNATURE
L.NO	USN	NAME 0	VI - B	Be
1	10X20I5083	Swapme of	VI-B	(D)
2	10×2011050	Huharmed Zain	VI - B	Uniel
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9.	10×2015023	christo Roy	VI-A	(D)
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13	10X80ISO59	PrahallodSP	V1 - B	69
14	1908I CBX 01	Raghul P	V1 - B	Rey
15	102013046	Danish Suhi	NIA	Da -
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		Stephen Varghere	- n	Stoppe
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26	1017015043	Manleep	54-A	Chanda-
22	10 Xe	Chondan	6 th - B	100
28	10×20 IS 053	Niha R	6th - B	Manya P.
29	IDXXVI	P. Navya Nithya. R	6th - B	Alitheye R
30	10x2013031	Nikitha M	6+h - B	Nikilha M
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Dr. R. KANAGAVALLI
PROFESSOR & HOD-ISE
The Oxford College Of Engineering
Bommanahalli, Hosur Main Boad,
Bengalore 500 dbs.

## DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

SI.NO	FACULTY NAME	10 4 20 SIGNATURE
1.	Dr. Vanaia Pool:	SIGNATURE
2.	Dr. Vanaja Roschii Bindya	8
3.	Pine 1	4
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HOD-ISE

(Bindya)

Dr. R. KANAGAVALLI

PROFESSOR & HOD-ISE

A Chrysanjah Manahalli Hosur Manahalli

The Oxford College of Engineering Bommanahalli, Hosur Road Bengaluru-560 068

# Memorandum of Understanding

### Between

Summit/Sinchana Hospital Building, Panchamantra Rd, Kuvempu Nagara, Mysuru, Karnataka-570023 and

# The Department of Information Science and Engineering

The Oxford College of Engineering, 10th Milestone, Bommanahalli, Hosur Road, Bengaluru-560 068.

This Memorandum of Understanding (MOU) between the Contriver, Mysuru and Department of Information Science and Engineering of The Oxford College of Engineering, Bengaluru details the modalities and general conditions regarding collaboration between both the partners

# 1.

This MOU aims to develop strategic association and explore long term collaboration opportunities between both parties to

- a) Mutual training, knowledge sharing, project consultancy and R&D activities of
- b) Support development of employability enhancing skills and traits that lead to overall success of students, teachers and their institution.
- c) Promote a global mindset through hands-on experiences and exposure to best practices from the best institutions in the world.
- d) Create Placements engagement and development opportunities for students through programmes, lectures, seminars, conferences, events, study trips, internships.

### 2. KEY OPERATION AREAS

The Scope of the MOU can be accomplished by undertaking the following activities. Any financial consideration or expenses relating to any of the activities will be agreed separately between both parties through a written notification.

- Mutual knowledge exchange programs between Contriver and TOCE at faculty and research scholars levels.
- b. Joint project consultancy at prorate basis to handle customers' projects.
- Organizing International and National conferences with joint contributions for knowledge sharing and R&D activities.
- d. Organizing workshops and seminars/FDPs for specific skill building.
- e. Focused training to students to bridge the gap between Academia & Industry support for placement of students.

### 3. ACTIVITIES AND OBLIGATIONS OF CONTRIVER

- a) Providing quality education on latest technologies and develop products which are of great need to the society.
- b) Consultancy and project delivery in terms of services and products.
- c) Cost-effective, convenient and easy-to-manage individual/group Class room training on Software Courses.
- d) End-to-end delivery of the training to the students of ISE and other department of TOCE.
- e) Placement assistance to students completing the training successfully.
- f) On Campus online training programs for the students of TOCE to assist them further to be technologically ready, industry ready and highly employable at the end of the Engineering program.

## 4. STRONG POINTS OF TOCE

- a) Eurolment of students for various technical courses.
- b) Provisioning of the required infrastructure to enable the training and related activities:
  - i. Classrooms/Auditoriums.

- ii. Audio/Visual Systems (Project & Loudspeaker Systems or Individual PCs & Headsets)
- Qualified faculty members for consultancy projects and research activities.
- Good laboratories for innovative activities. iv.
- Stable high speed internet connectivity to enable live online classes without any V. technical glitches.

#### GENERAL CONDITIONS 5.

- a) Each party will establish a single point of contact who will serve as the principal interface for his/her respective organization.
- b) Either party may cancel this MOU and any extension thereof by providing the other party with 30-day notice of cancellation. Such cancellation notice shall be sent by certified mail and will be effective 30 days from the date sent. Cancellation of this agreement will have no effect on approved project agreements.
- c) Any form of financial commitment in the form of payments, discounts, vouchers, IPRs, patents etc. to be agreed separately between both parties through a written notification

### EFFECTIVE DATE 6.

- This MOU will be effective upon the date of the final signature of this document for a period of three year with one-year extensions available upon written mutual agreement. Extensions become effective upon final signature of the appropriate a)
- This MOU will lapse if there is no activity or engagement between both the parties for a continuous period of 12 months from the start of the agreement date and each anniversary thereon.

### **AUTHORISED SIGNATORIES**

### Contriver

Summit/Sinchana Hospital Building, Panchamantra Rd, Kuvempu Nagara, Mysuru, Karnataka-570023

Mr. Sanjay B, Managing Partner

Email: sanjay@contriver.co.in

Telephone: +91-7829540019

### Department of Information Science and Engineering

The Oxford College of Engineering,

10th Milestone, Bommanahalli, Hosur Road, Bengaluru-560 068

Dr. R. Kanagavalli, Professor & Head 1.

Email: enghodise@theoxford.edu

Telephone: 9900300877

Through these contact persons, either party may initiate proposals for activities under this agreement. Specific details will be set forth in a letter of agreement which will form part of this general arrangement following signature by the appropriate authorities of both parties.

A letter of agreement will include such items as:

- 1. Elaboration of the responsibilities of each institution for the agreed upon activity. Scheduled for specific activity
- 2. Any other terms deemed necessary for the efficient management of the activity.

Signatures of concerning officials

For CONTRIVER

Managing Partner

Date: 19.08.22

Date: 19, 08 2

Name: Mr. Sanjay B

Organization: Contriver

Designation: Managing Partner

Of Englisheding Organization: Ishe

Designation: Professor & Flead



# INTERNSHIP CERTIFICATE

This is to certify that

### GIRISH S TEVARI

has undergone a 30 days internship training programme from 23/08/2022 to 25/10/2022.

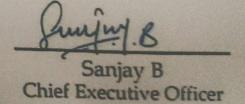
In the department of Programming and Development

Contriver, Bengaluru. Under the guidance of Soumya V K

and the grade awarded to the intern for the internship project is



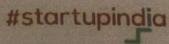












# Memorandum of Understanding

### Between

Take It Smart (OPC) PVT LTD

and

The Oxford College of Engineering, 10<sup>th</sup> Milestone, Bommanahalli, Hosur Road, Bengaluru-560 068.

This Memorandum of Understanding (MOU) between the Take It Smart (OPC)

PVT LTD and Department of Information Science and Engineering of The
Oxford College of Engineering, Bengaluru details the modalities and general
conditions regarding collaboration between both the partners

### 1. SCOPE OF MOU

This MOU aims to develop strategic association and explore long term collaboration opportunities between both parties to

- a) Mutual training, knowledge sharing, project consultancy and R&D activities of mutual benefit.
- b) Support development of employability enhancing skills and traits that lead to overall success of students, teachers and their institution.
- c) Promote a global mindset through hands-on experiences and exposure to best practices from the best institutions in the world.
- d) Create Placements engagement and development opportunities for students through programmes, lectures, seminars, conferences, events, study trips, internships.



### KEY OPERATION AREAS

The Scope of the MOU can be accomplished by undertaking the following activities. Any financial consideration or expenses relating to any of the activities will be agreed separately between both parties through a written notification.

- a) Mutual knowledge exchange programs between Take it Smart (OPC) PVT LTD and TOCE at faculty and research scholar's levels.
- b) Joint project consultancy at prorate basis to handle customers' projects.
- and National conferences with joint c) Organizing International contributions for knowledge sharing and R&D activities.
- d) Organizing workshops and seminars/FDPs for specific skill building.
- e) Focused training to students to bridge the gap between Academia & Industry support for placement of students.

### ACTIVITIES AND OBLIGATIONS OF Take It Smart (OPC) PVT LTD 3.

Industries served are:

- Banking & Financial(MIS Projects)
- Manufacturing(ERP)
- Small and Medium Enterprise(Customized Softwares)
- Info Technology
- Advertising

TAKE IT SMART (OPC) PVT.LTD mainly works in three Verticals Digital Advertisements , Web design & software Internship, Projects & Training Web **Based Services:** 

We have six types of Website Service

- Static Website
- Dynamic Website
- CMS Website
- E-Commerce



### STRONG POINTS OF TOCE

- a) Enrolment of students for various technical courses.
- b) Provisioning of the required infrastructure to enable the training and related activities:
  - i. Classrooms/Auditoriums.
  - ii. Audio/Visual Systems (Project & Loudspeaker Systems or Individual PCs & Headsets).
  - iii. Qualified faculty members for consultancy projects and research activities.
  - iv. Good laboratories for innovative activities.
  - v. Stable high speed internet connectivity to enable live online classes without any technical glitches.

### GENERAL CONDITIONS

- a) Each party will establish a single point of contact who will serve as the principal interface for his/her respective organization.
- b) Either party may cancel this MOU and any extension thereof by providing the other party with 30-day notice of cancellation. Such cancellation notice shall be sent by certified mail and will be effective 30 days from the date sent. Cancellation of this agreement will have no effect on approved project agreements.
- c) Any form of financial commitment in the form of payments, discounts, vouchers, IPRs, patents etc. to be agreed separately between both parties through a written notification



## 6. EFFECTIVE DATE

a) This MOU will be effective upon the date of the final signature of this document for a period of **three year** with one-year extensions available upon written mutual agreement. Extensions become effective upon final signature of the appropriate parties.

b) This MOU will lapse if there is no activity or engagement between both the parties for a continuous period of 12 months from the start of the agreement date and each are

agreement date and each anniversary thereon.

## 7. AUTHORISED SIGNATORIES

M/s. Take It Smart (OPC) PVT LTD

14,SGN Arcade, 1st Floor, 2nd stage, 1st Main Rd, RPC Layout, Hoshalli Extension, Stage 1, Vijayanagar, Bengaluru, Karnataka 560040 Ph no.8050104212

## Department of Information Science and Engineering

The Oxford College of Engineering, 10<sup>th</sup> Milestone, Bommanahalli, Hosur Road, Bengaluru-560 068

1. Dr. R. Kanagavalli, Professor & Head

Email: enghodise@theoxford.edu

Telephone: 9900300877

Through these contact persons, either party may initiate proposals for activities under this agreement. Specific details will be set forth in a letter of agreement which will form part of this general arrangement following signature by the appropriate authorities of both parties.

A letter of agreement will include such items as:

1. Elaboration of the responsibilities of each institution for the agreed upon activity. Scheduled for specific activity

2. Any other terms deemed necessary for the efficient management of the activity.



Signatures of concerning officials

Name: Mr Mallikarjun Kumbar

Organization: M/s. Take It Smart (OPC) PVT LTD

Designation: Director

Date: 22.08.22

Date: 22.08.22

Name: Dr. Br. Kanagavalli Organization Essociation College of Engineering Designation College Of Engineering Bommanahalli, Hosur Main and

Bangalore 500 000.



# Take It Smart (OPC) PVT LTD

# 14, SGN Arcade, 1st Floor, 2nd stage, 1st Main Rd, RPC Layout,
Vijayanagar, Bengaluru - 560 040 Mob.: 8050104212 / 8792697647

www.takeitsmart.in

TAKE IT SMART

Reg No.: 150027

ISO 9001:2015

# Internship Certificate

This Certifies that

## SANNAN SIDDIQUE

Student of THE OXFORD COLLEGE OF ENGINEERING

Has completed Internship in Machine Learning

20th August 2022 to 20th September 2022

we found him/her sincere, Hardworking, Dedicated and Result oriented, She/he Worked well as Part of the team during his/her tenure. We take this opportunity to thank him / her And Wish him / her all the best for him / her future.





#startupindia

Mallikarjun Kumbar Director To

The Principal, The Oxford College of Engineering, Bangalore-68.

Respected Sir,

**Sub:** Permission Required for Research Collaboration with San Macros University PERU.

This is in regard with the research collaboration with Prof. Ciro Rodriguez, San Macros University under the collaboration, We are going to publish JENIT paper and patent. Kindly allow me to proceed further.

Thanking you

Yours Faithfully, Dean Research, TOCE Dr. Preeta Sharan

Place: Bangalore Date: 25/2/22



AB square, #617, 1st Floor, 5th Main, OMBR Layout, Banaswadi, Bangalore-560043, Karnataka E: sales@digitoadtech.com

Date:-27/10/23

#### **INTERNSHIP OFFER LETTER**

#### Dear Gunaanidhi M

Congratulations! We are pleased to inform you that you have been selected for the position of Intern at DigiToad Technologies Private Limited. We were impressed by your qualifications, skills, and enthusiasm. We are excited to have you join our team for a duration of 4 weeks (From 27th Oct 2023 to 25th Nov 2023).

As a Intern, you will have the opportunity to work on various projects and tasks, analyze complex datasets, and derive meaningful insights. Your role will involve collecting, cleaning, and interpreting data, as well as assisting in the development of machine learning solutions.

We would like to take this opportunity to congratulate you once again and welcome you to DigiToad Technologies Private Limited. We are confident that this internship will provide you with valuable hands-on experience and further enhance your Skills.













#### Letter of Intent



# Implementation of Intel India supported "Intel India STEM Skills Program for Women" by Learning Links Foundation at The Oxford College of Engineering, Bengaluru in the academic year 2022-23

"Intel India STEM Skills Program for Women" is a program implemented by Learning Links Foundation and supporting by Intel India. The free of cost program specifically focusses on imparting training and capacity development on VLSI technology for female students pursuing their B. Tech and/or M. Tech from colleges across Karnataka. Apart from technical training, students will also be enabled on soft skills like communication, team work, time management etc. to make them job-ready.

Very Large-Scale Integration (VLSI) technology is well suited to the demands of today's electronic devices and systems. As India expands its electronics system design and manufacturing capabilities, the number of job opportunities is also expected to grow in the VLSI design area, making it a lucrative career option for many.

The objective of the program is to offer women in STEM more opportunities to gain new-age technology skills that will make them workforce-ready for the future and increase the number of women in STEM who advance into leadership roles.

#### Scope of Engagement

- The Program will offer 20 Hour Free online course on VLSI and 4 hours offline training on soft skills.
- Intel co-branded course completion certificate will be issued to all the students participating and completing the course.
- Virtual hackathon will be organized for the participants at the end of the program to give them a platform to apply hands-on what
- Top performing students from college-level hackathon will get opportunity to participate and showcase their project in the state-level showcase event

#### Key Roles & Responsibilities of Learning Links Foundation (LLF)

- Coordinate with college SPOC for conduction of in-person orientation sessions
- Conduct in-person one-day orientation and soft skill training for potential course participants at the college premises.
- Follow-up with college SPOC for registration related tasks and on-boarding and registering of students onto the VLSI online course
- Provide virtual support to registered students through the completion of the online VLSI course.
- Trouble shoot on all platform as well as course related issues.
- Issuing Certificate to all the women students completing the course.
- Mentor students with their project submissions
- Facilitate Virtual Hackathons and showcase top projects

- Share institute-level data in student course completion progress.
- Provide letter of appreciation to the institute and SPOC for the program.

## Key Roles & Responsibilities of Institution partner The Oxford College of Engineering, Bengaluru

- Create awareness about the program in college notice boards, student email groups, student WhatsApp groups for maximum reach
- Appoint a SPOC for program related co-ordination

Phone: 9845248738 Email: Sudba priya @learning lonksircha. Org

- Educate and encourage the student fraternity about the importance and opportunities of the project
- Facilitate the arrangement of classroom space, projector, AV devices for conduction of inperson orientation and Soft skill sessions.

We agree to the above described scope of work and roles and responsibilities. We agree for collaboration with Learning Links Foundation for the implementation of "Intel India STEM Skills Program for Women" project in our institute.

Control	
Program for Women" project in our institute.	
Signature	. N. KANNAN
College Name: The Oxford College of Engineering, Ben	ngaluru
Phone: 9443834087	WITNESS
Email: eng principal@ the onford.edu	Signature: lland 21/11/2022
U	Name: DC MANJU DEV )  Professor & HOD of E&C Engineerin
	Designation: And Oxford College of Engineering  Remanagalli, Bungalore - 550 (63)
Signature:	5/12/2022
Name: Sudhat Pryordanshan	
Designation: Downther (Techno & Innovation	WITNESS

Name: Poornima Badiger

**Designation: SENIOR CONSULTANT** 

(Technology & Innovation)



(An autonomous organisation under the Dept. of Science & Technology, Govt. of Karnataka)

Indian Institute of Science Campus, Bengaluru – 560 012

Telephone: 080-23341652, 23348848, 23348849, 23348840

Email: office.kscst@iisc.ac.in, office@kscst.org.in • Website: www.kscst.iisc.ernet.in, www.kscst.org.in

Dr. U T Vijay

**Executive Secretary** 

24th April, 2023

Ref: 7.1.01/SPP/33

The Principal, The Oxford College of Engineering, Bommanahalli Hosur Road, Bengaluru – 560 068.

Dear Sir/Madam,

Sub: Sanction of Student Project - 46th Series: Year 2022-2023

Project Proposal Reference No.: 46S\_BE\_1654

**PATIENTS USING SENSORS** 

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 46th Series". The project details are as below:

Student(s)	Mr. PREETAM AMBUDKAR				
	Mr. UTKARSH N	Department	ELECTRONICS AND COMMUNICATION ENGINEERING		
	Ms. TULASI RATHOD		COMMONICATION ENGINEERING		
	Ms. YUKTISHREE S	Sanctioned			
Guide(s)	Dr. PREETA SHARAN	Amount	5,000.00		
	Mr. JAYARAJ N	(in Rs.)			

#### **Instructions:**

- a) The project should be performed based on the objectives of the proposal submitted.
- b) Any changes in the project title, objectives or students team is liable for rejection of the project and your institution shall return the sanctioned funds to KSCST.
- c) Please quote your project reference number printed above in all your future correspondences.
- d) After completing the project, 2 to 3 page write-up (synopsis) needs to be uploaded on to the following Google Forms link https://forms.gle/nWTaJjvrwzp3Wmvt6. The synopsis should include following:
  - 1) Project Reference Number
  - 2) Title of the project
  - 3) Name of the College & Department
  - 4) Name of the students & Guide(s)
  - 5) Keywords
  - 6) Introduction / background (with specific reference to the project, work done earlier, etc) about 20 lines
  - 7) Objectives (about 10 lines)

- 8) Methodology ( about 20 lines on materials, methods, details of work carried out, including drawings, diagrams etc)
- 9) Results and Conclusions (about 20 lines with specific reference to work carried out)
- 10) Scope for future work (about 20 lines).
- e) In case of incompeted projects, the sanctioned amount shall be returned to KSCST.
- f) The sanctioned amount will be transferred by NEFT to the bank account provided by the College/Institute.
- g) The sponsored projects evaluation will be held in the Nodal Centre/Online Mode and the details of the same will be intimated shortly by email / Website announcement.
- h) After completion of the project, soft copy of the project report duly signed by the Principal, the HoD, Guide(s) and studetn(s) shall be uploaded in the following Google Forms Link https://forms.gle/YWz56TrGg7fnSQgc7. The report should be prepared in the format prescribed by the university.

Please visit our website for further announcements / information and for any clarifications please email to spp@kscst.org.in

Thanking you and with best regards,

Yours sincerely,

(U T Vijay)

#### Copy to:

The HoD
 ELECTRONICS AND COMMUNICATION ENGINEERING
 THE OXFORD COLLEGE OF ENGINEERING, BENGALURU

- 2) Dr. PREETA SHARAN Mr. JAYARAJ N
  ELECTRONICS AND COMMUNICATION ENGINEERING
  THE OXFORD COLLEGE OF ENGINEERING, BENGALURU
- 3) THE ACCOUNTS OFFICER KSCST, BENGALURU

#### Memorandum of Understanding

EFFECTIVE DATE: This MOU is executed on 05-09-2022

Between

PARTY 1: Department Of ECE, The Oxford College of Engineering, Bangalore and it is represented by Dr. Manju Devi, ECE Prof and Head -ECE and Principal Dr. N. Kannan.

And

PARTY 2: The Oxford College of Physiotherapy, 6/9A, 1st cross, Begur Road, Hongasandra, Bengaluru, Karanataka, 560068.

#### **DETAILS OF MOU:**

1. OBJECTIVE : Collaborative research between the PG students of The Oxford College of Physiotherapy & B. Tech students of Department of ECE, R&D Center, The Oxford College of Engineering.

#### 2. SCOPE OF WORK:

- > To promote interest in research activities of the institution.
- > Carry out joint research and development in order to deepen the analysis and understanding of science and technology in the manufacturing sector.
- > Perform workshops as and when required. Commercials would be discussed separately.

#### 3. ROLES & RESPONSIBILITIES:

- A. To strengthen research excellence at faculty, both graduate and undergraduate student levels.
- B. To meet periodically to review and evaluate the work carried and to work out new ideas for future cooperative agreements.

#### 4. Terms and Conditions:

- The Oxford College of Physiotherapy will arrange / provide:
- Lab facility such as testing or providing various subjects for device testing.
- o Students exchange for promote, maintain and increase knowledge in terms of patient physical intervention and health promotion.

#### The Oxford College of Engineering will arrange / provide:

- The Services with Dr Preeta Sharan, Dean research who is an expert person in FBG Sensor for Biomedical Applications and she will be the main contact person for this R&D.
- The Oxford College of Engineering has agreed to provide the service of faculty members towards R&D / Lab Visit/ meeting/conference and attending workshop/ in this R&D Project.

- Practice which will include research, education and consultation to carry out projects in R
- \* This MOU shall be valid for a period of two years from the Effective Date and can be terminated by a notice of six months by either party. As per the need the MOU will be revised for further duration with same terms and conditions or mutually agreeable
- \* The MoU will be reviewed by the partnership committee members from time to time and maybe amended with the consent of both the parties and thereafter confirmed in writing.
- . Both the parties shall agree and acknowledge that no other rights are granted except as
- \* Neither party shall transfer or assign its Interests, Obligations or Rights in this agreement without the written consent of the party, provided that such consent will not be
- Neither party shall be liable by reason of failure or delay in the performance of its obligation under this MoU if such failure or delay is caused by the acts of God, Strikes, Lockouts or any other causes beyond its control and without its fault or negligence on
- Any other arrangements or activities or commitments shall be made on mutually agreed
- Neither party shall disclose confidential and proprietary details to outsider(s), whatsoever.
- By no means, the Institution shall try to contact or entertain the leads from the organization, either directly or indirectly. Non-appearance from the scheduled program

#### 5. Benefits:

. Enriching the faculties and students in Automation and to develop research interests among the same in terms of Students Internship.

Party 1: Applicant, Academia Engineering

Fine Oxford College of Engineer

Bommananalli, Bangalore-560 000

Party 2: Collaborator, Academia

PRINCIPAL The Oxford College of Physiotherapy

Bagus Road, Hongssandra Rangueiore Sad ass

Signature of Head of Institute

PRINCIPAL

The Oxford College of Engineering Bommanahalli, Hosur Road Bengaluru-560 068

#### Karnataka State Council for Science and Technology

TO THE STATE OF TH

(An autonomous organisation under the Dept. of Science & Technology, Govt. of Karnataka)

Indian Institute of Science Campus, Bengaluru – 560 012

Telephone: 080-23341652, 23348848, 23348849, 23348840

Email: office.kscst@iisc.ac.in, office@kscst.org.in • Website: www.kscst.iisc.ernet.in, www.kscst.org.in

Dr. U T Vijay

**Executive Secretary** 

24th April, 2023

Ref: 7.1.01/SPP/33

The Principal, The Oxford College of Engineering, Bommanahalli Hosur Road, Bengaluru – 560 068.

Dear Sir/Madam,

Sub: Sanction of Student Project - 46th Series: Year 2022-2023

Project Proposal Reference No.: 46S\_BE\_1742

Ref: Project Proposal entitled HAND BALANCE MONITORING SYSTEM FOR MEASURING AMOUNT OF

**DISORDERNESS IN STROKE PATIENTS** 

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 46th Series". The project details are as below:

Student(s)	Ms. DIVYA G Mr. ARUNACHALAM M Ms. BHOOMIKA B M	Department	ELECTRONICS AND COMMUNICATION ENGINEERING
Guide(s)	Mr. JAYARAJ N	Sanctioned Amount	5,000.00
	Dr. PREETA SHARAN	(in Rs.)	

#### **Instructions:**

- a) The project should be performed based on the objectives of the proposal submitted.
- b) Any changes in the project title, objectives or students team is liable for rejection of the project and your institution shall return the sanctioned funds to KSCST.
- c) Please quote your project reference number printed above in all your future correspondences.
- d) After completing the project, 2 to 3 page write-up (synopsis) needs to be uploaded on to the following Google Forms link https://forms.gle/nWTaJjvrwzp3Wmvt6. The synopsis should include following:
  - 1) Project Reference Number
  - 2) Title of the project
  - 3) Name of the College & Department
  - 4) Name of the students & Guide(s)
  - 5) Keywords
  - 6) Introduction / background (with specific reference to the project, work done earlier, etc) about 20 lines
  - 7) Objectives (about 10 lines)

- 8) Methodology ( about 20 lines on materials, methods, details of work carried out, including drawings, diagrams etc)
- 9) Results and Conclusions (about 20 lines with specific reference to work carried out)
- 10) Scope for future work (about 20 lines).
- e) In case of incompeted projects, the sanctioned amount shall be returned to KSCST.
- f) The sanctioned amount will be transferred by NEFT to the bank account provided by the College/Institute.
- g) The sponsored projects evaluation will be held in the Nodal Centre/Online Mode and the details of the same will be intimated shortly by email / Website announcement.
- h) After completion of the project, soft copy of the project report duly signed by the Principal, the HoD, Guide(s) and studetn(s) shall be uploaded in the following Google Forms Link https://forms.gle/YWz56TrGg7fnSQgc7. The report should be prepared in the format prescribed by the university.

Please visit our website for further announcements / information and for any clarifications please email to spp@kscst.org.in

Thanking you and with best regards,

Yours sincerely,

(U T Vijay)

#### Copy to:

The HoD
 ELECTRONICS AND COMMUNICATION ENGINEERING
 THE OXFORD COLLEGE OF ENGINEERING, BENGALURU

- 2) Mr. JAYARAJ N Dr. PREETA SHARAN
  ELECTRONICS AND COMMUNICATION ENGINEERING
  THE OXFORD COLLEGE OF ENGINEERING, BENGALURU
- 3) THE ACCOUNTS OFFICER KSCST, BENGALURU





## MEMORANDUM OF UNDERSTANDING

# Between <u>Decibels Lab Pvt Ltd, Bangalore</u> & The Oxford College Of Engineering, Bangalore

- 1. Parties. This Memorandum of Understanding (hereinafter referred to as "MOU") is made and entered into by and between the Decibels Lab Pvt Ltd\_whose address is Electric Vehicle Centre of Competence(COC) in RV College of Engineering, Mysore Rd, Bangalore and the 2<sup>nd</sup> party, whose address is The Oxford College Of Engineering, Bangalore.
- 2. Purpose. To create the industry ready talent pool for EV sector demands by facilitating the domain specific, hands-on training programs for 1000+ students, fresh graduates and faculty & Academic Professionals by using funding support given by Elevate 2021, Department of IT, BT, Government of Karnataka to Decibels Lab Private Limited. The scope of this MoU also helps to train the Students in Academic Level to meet Industry requirement.
- 3. Term of MOU. This MOU is effective upon the day and date last signed and executed by the duly authorized representatives of the parties to this MOU and the governing bodies of the parties' respective counties or municipalities and shall remain in full force and effect for not longer than one Year.
  - 4. Responsibilities of Decibels Lab Pvt Ltd.
  - > Offer short & long term certification courses
  - > Offer Educational Internships
  - > Offer Faculty Development Program
  - > Collaborate for Research Activities
  - > Take Support to Setup EV Labs
    - Responsibilities of [2<sup>nd</sup> party].
- > College have to grant recognition of acceptance for Courses Hosted by Decibels Lab
- College will send the circular to all Departments to take EV Courses for interested students.
- College will circulate the MoU for press & media publications.
- ➤ Information of Course conducted by DB have to reach for all COLLEGE Students by T&P Cell.





- 6. Benefits to DB
- > Creation of talented resource repository to outsource
- > Grow together to become accreditation authority for skill training
  - 7. Fee, expenses & monitoring of implementation

Our Aim is to create talent pool for EV Sector, for this funding given by Department of IT, BT, Government of Karnataka hence students will trained in in free of cost for Specific Courses.

#### Summary

Decibels Lab & The Oxford College Of Engineering, Bangalore. recognise the significance of this MoU to involve students in industry interactions to support for EV Programs & employment through the collaboration. This MoU express the broad understanding between the parties regarding their responsibilities and scope of work.

Company Name: Decibels Lab Pvt Ltd

Name: Suraj S D

Title: Founder & CEO

Signature with Seal
Witness

Witness

College Name: The Oxford College Of Engineering, Bangalore.

Name: Dr. Bhorath V S

Title: Professor & Head

Signature with Seal
Witness

Name: Dr. Bhorath V S

Frofessor & Head

Witness

Name: Dr. Bhorath V S

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Frofessor & Head

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Signature with Seal
Witness

Name: Dr. Bhorath





lms.decibelslab.com



Chinj . 5.0

Suraj S D, Co-founder & CEO Decibels Lab Pvt Ltd

Decibels Lab Private Limited #2362, 24th main road 1st sector, HSR layout Bangalore, Karnataka, 560102 CIN:U80904KA2019PTC126675 This is to certify

Issued: 2022-12-27

## **Sneha Reddy**

has undergone the Course in Decibels Lab Pvt Ltd,

During the tenure intern was involved in,

**Electric Vehicle Technology Certification Course** 

This course has covered the details of the EV powertrain subsystem, auxiliary sub system, compounds architecture, & Hand calculation of powertrain sizing.

#### MEMORANDUM OF UNDERSTANDING

#### **BETWEEN**



#### THE DEPARTMENT OF BIOTECHNOLOGY, THE OXFORD COLLEGE OF ENGINEERING, Bommanhalli, Bengaluru-560068

#### **AND**



#### AZYMES BIOSCIENCES PVT LIMITED # 1188/20,3rd Floor, 26th Main Rd, opp. Ragigudda Temple Arch, Jayanagara 9th Block, Jayanagar, Bengaluru, Karnataka 560069

This MoU is executed on 14- JULY -2022 between THE DEPARTMENT OF BIOTECHNOLOGY, THE OXFORD COLLEGE OF ENGINEERING, a premier centre of Excellence, herein after referred to as "TOCE" which expression shall mean and include repugnant to context hereof, its successor-in-interest, administrators and assigns

#### **AND**

Between AZYMES BIOSCIENCES PVT LIMITED, hereinafter referred to as "ABS" which expression shall man and include unless repugnant to context hereof, it's successors-interest, administrators and assigns

#### Whereas

The parties have discussed and deliberated on various items of mutual interest and benefits and have deemed expedient to execute this memorandum of understanding so as to mutually co-operate in Student Training, Contract Research works, workshops, Product validation, Research projects sharing, validating products and assays and joint publication.





## Appendix - 01

# Agreed Terms of Conditions for the Program "AICTE Activity Points Implementation"

Between

The Oxford College of Engineering (Department of BT)

**AND** 

**LGS Trust ®** 

Appended to MoU

## Program Specific Details in addition to MoU:

1 Togram Specific 2 cours and					
Program Name	AICTE Activity Points Implementation				
Signed Between	Department of The Oxford College of Engineering (TOCE)  1. Biotechnology (BT)  And  LGS Trust (R)				
Signed on	23 - February - 2021				
Validity	3 year - 23/Apr/2021 to 22/Apr/2024				
Document Version	1.0				
Document Date	23 - February - 2021				
The TOCE Roles (Dept of BT)	Provide Platform to LGS Trust to  1) Share details with the Department Students 2) Conduct Orientation Session to all Students  Allocate a lecturer as "Single Point of Contact" for each department to arrange the information exchange between Students and LGS Trust				
The LGS Trust Roles	Provide platform to Dept of CSE Students to  1) Implement AICTE Activity Points as per the VTU and AICTE Rules 2) Provide access of website for the registered students 24/7 3) Provide the theory and practical details on Community Problems, Technology Gap and Engineering Solution for the same  Issue the report to each student upon completing the course that includes Certificates, Contents, Proof of Activities and Analysis of activity done  Conduct the Program under the law set by VTU and AICTE Activity				
Commercials Obligation	<ul> <li>No Financial obligation on the Department of CSE</li> <li>No Obligation on minimum registrations</li> <li>Interested and Volunteer Students can enrol to the Program at their own cost</li> <li>Registrations to the Program are done on online portal www.lgstrust.com</li> </ul>				
Available Projects	<ol> <li>Agri Job Opportunities in Rural Areas – AJR</li> <li>Conducting Census in College – CCC</li> <li>A Case Study on UNESCO World Heritage Centre – UWH</li> <li>Zero Food Waste – ZFH</li> <li>India Constitution Making and its Heroes – ICH</li> <li>Indian Cinema and its Mile Stones - ICM</li> <li>Film Festivals in College and Charity Fundraising – FFC</li> <li>My College – My Farmland – MCF</li> <li>Artificial Intelligence in Smart Irrigation System – SIS</li> <li>Engineering Solution in Desi Cow Science - DCS</li> </ol>				
Mode of Implementation	Combination of Online and Offline				

			Rs. 40	00/- for 20 AI	CTE Activity Poin	ts		
	D'		Rs. 300/- for 15 AICTE Activity Points					
F	Financials			00/- for 10 AI	CTE Activity Poin	ts		
			Rs. 10	00/- for <b>05</b> AI	CTE Activity Poin	ts		
	8008-90000			Project has 2 F	hases: Phase 1 (7	Theory) & Phase	e 2 (Practical	s)
		d	Phase - 1 (Theory): Each student has to perform following tasks  • Listening to the Recorded Classes of 10 Hours  • Answering Case Study questions  Phase - 2 (Practicals): Each student has to perform following tasks					
			e acii	<b>Conduct Data</b>	a Survey with Pul	blic		
			•	Upload Stude	ent Specific Solut	ion to the probl	em listed in	project
	Method of Implementation			<ul> <li>Each student has to conduct Data Survey. This includes</li> <li>Conducting Survey with different adults (20+ years of age)</li> <li>Asking survey questions available on Web Portal</li> <li>Entering the Survey Result on Web Portal</li> </ul>				
				<ul> <li>If done on Offline –</li> <li>Students have to visit the different individuals in person within their locations. The location will be tracked by Website</li> <li>They will not be taken to any other locations by LGS Trust.</li> <li>Taking Photo is mandatory.</li> </ul>				
				If done on Online –  • Students have to conduct survey on Video Call Platform.  • Taking Screenshot of Video Call is mandatory to consider it as a proof				
Report:  A Report that includes certificates, contents, proof of activities are of survey is provided to each individual by the LGS Trust upon the both Phase 1 and 2. Also a copy is shared with department.								
		Activi	ty Ho	ours need	ed for Differ	ent Activity	y Points	
	All 10	No. of H		LGS Trust	Phas Recorded	ce 1 Case Study	Phase - 2 Data	Reports (50 to 60
	Projects	need		Fee	Video Classes	Questions	Collection	Pages)
	20 Points	80 Ho	urs	Rs. 400/-	10 Hours	20	20	Issued by

	Activity flours needed for Different Activity 1 omes						
All 10	No. of Hours	LGS Trust	Phase 1		Phase - 2	Reports	
Projects	involvement needed	Fee	Recorded Video Classes	Case Study Questions	Data Collection	(50 to 60 Pages)	
20 Points	80 Hours	Rs. 400/-	10 Hours	20	20	Issued by	
15 Points	60 Hours	Rs. 300/-	10 Hours	15	15	LGS	
10 Points	40 Hours	Rs. 200/-	10 Hours	10	10	Trust to	
05 Points	20 Hours	Rs. 100/-	10 Hours	05	05	Students	

#### Terms and Conditions:

- The above model is developed as per the AICTE and VTU Policy as on 21st Feb 2021.
- The implementation model changes if AICTE and/or VTU bring any amendments to the AICTE Activity Points Program. This brings modification to implementation method and financials as per the modifications brought by AICTE and/or VTU rules.
- The agreed financials is for the mentioned 10 projects and the method of implementation only.
- LGS Trust is bound to keep the same financials for the mentioned 10 Projects and the method of implementation for the duration of 1 year from the date of this document signature.
- If LGS Trust starts AICTE Activity Point Projects other than
  - Mentioned 10 Projects
  - Mentioned Method of Implementation

The financials may/may not vary. Any variation in the financials has to be brought to the notice of Department and amendment has to be done with consent. LGS Trust is not bound to vary the financials without the consent of the Department.

Signed this Appendix on 23rd April 2021

For & on behalf of

The Oxford College of Engineering

For & on behalf of

LGS Trust, Bangalore

For LGS TRUST (R)

Secretary

**Signature and Seal** 

Name: Mr. Harsha S

Designation: Secretary, Chief Instructor

Signature and Seal

Name: Dr. B K Manjunatha

The Oxford C. Professor & Hoding

Dept. of Biotechnology.





## MEMORANDUM OF UNDERSTANDING (MoU)

#### BETWEEN

## Department of Biotechnology The Oxford College of Engineering

10th Milestone, Bommanahalli, Hosur Road, Bengaluru - 560068

#### AND

#### LGS Trust®

No.126, 1st Floor, Aadri, 7th Cross, 2nd Main, Hoysalanagar, Sunkadakatte, Bengaluru – 560091

This Memorandum of Understanding (hereinafter called as the 'MoU') is entered into on this the Twenty Third day of February Month, 2021 by and between.

Department of Biotechnology, The Oxford College of Engineering the First Party represented herein by its Professor and Head of Department - Dr. B K Manjunatha and LGS Trust ® The second party and represented herein by its Secretary, Mr. Harsha S

#### WHEREAS:

- A) First Party is a Higher Educational Institution named: Department of Biotechnology, The Oxford College of Engineering, Bangalore,
- B) First Party & Second Party believe that collaboration and co-operation between themselves will promote more effective use of each of their resources, and provide each of them with enhanced opportunities.
- C) The Parties intent to cooperate and focus their efforts on cooperation within area of Skill Based Training, AICTE Activity Point Implementation, Technical Internship, Placement, Industrial Visit, Expert Lecture.
- D) LGS Trust ®, the Second Party is engaged in Social Innovation, Developing Engineering Solution to Community Problems, Education and Health segment along with AICTE Activity Points Implementation

NOW THEREFORE, IN CONSIDERATION OF THE MUTUAL PROMISES SET FORTH IN THIS MOU, THE PARTIES HERETO AGREE AS FOLLOWS:

#### **CLAUSE 1**

#### **CO-OPERATION**

- 1.1 Both Parties are united by common interests and objectives, and they shall establish co-operation.
- 1.2 First Party and Second Party co-operation will facilitate effective utilization of the intellectual capabilities.
- 1.3 The parties shall co-operate with each other and shall as promptly as is responsibly practical, relevant agreement.



# LGS Trust A Social Innovation & Research Centre

#### **CLAUSE 2**

#### SCOPE OF THE MoU

- 2.1 Industrial Training & Visits: Industry and Institution interaction will provide an insight into the latest developments / requirements of the industries; the Second Party to permit the Faculty and Students of the First Party to visit its group companies and also involve in Industrial Training Programs for the First Party. This will provide confidence & smooth transition for students work. Also the Second party may register on the AICTE Internship Portal for the benefit of students.
- 2.2 Guest Lectures: Second Party to extend the necessary support to deliver guest lecturers to the students of the First Party on the technology trends and in house requirements.
- 2.3 Placement of trained students: second party will actively engage to help the delivery of the training and placement of the students of the first party on the technology trends and in house requirements.
- 2.4 There is no financial commitment on the part of the **Department of Biotechnology**, **The Oxford College of Engineering**, **Bangalore**, the first party to take up any program mention in MoU. If there is any financial consideration, it will be dealt separately.
- 2.5 Both Parties to obtain all internal approvals, consents, permissions, and licenses of whatsoever nature required.

#### CLAUSE 3 VALIDITY

3.1 This Agreement will be valid until it is expressly terminated by either Party on mutually agreed terms, during which period, the Second Part.

#### **CLAUSE 4**

#### RELATIONSHIP BETWEEN THE PARTIES

5.1 It is expressly agreed that First Party and Second Party are acting under this MOU as independent contractors, and the relationship established under this MOU shall not be construed as a partnership.

Signature and Seal

**First Party** 

Head of the department

Department of the construction of the construc

Dr. B K Manjunatha Professor and Head Dept. of BT

The Oxford College of Engineering

**Second Party** 

For LGS TRUST (R)

Secretary

Mr. Harsha S Secretary & Chief Instructor

**LGS Trust** 



#### Memorandum of Understanding

#### Between

#### CRIYAGEN AGRI AND BIOTECH PVT LTD.

Survey No.-71/5, Doddaballapur & Nelamangala State Highway No-74, Karim Sonnenahalli-Village, Dodda Tumkur-Post, Madhure-Hobli, Doddaballapura-Tq, 562163, Bangalore Rural-dist, KARNATAKA.

#### And

#### The Department of Biotechnology

The Oxford College of Engineering Bommanahalli, Bangalore-560068

This MoU is executed in September-2021 between The Department of Biotechnology, The Oxford College of Engineering, Bommanahalli, Bangalore a premier centre of Excellence, herein after referred to as "TOCE" which expression shall mean and include unless repugnant to context hereof, its successor-in-interest, administrators and assigns

#### AND

Criyagen Agri and Biotech Pvt Ltd, Survey No.-71/5, Doddaballapur & Nelamangala State Highway No-74, Karim Sonnenahalli-Village, Dodda Tumkur-Post, Madhure-Hobli, Doddaballapura-Tq, 562163, Bangalore Rural-dist, KARNATAKA.

Hereinafter referred to as "Criyagen" which expression shall mean and include unless repugnant to context hereof, it's successors-interest, administrators and assigns.

Whereas,

"TOCE" The Oxford College of Engineering is one of the 36 most prestigious institutions run by the Children's Education Society. Biotechnology Engineering is a multi-disciplinary having applications in multiple fields including Health care, Agriculture, Food Industry and Environmental issues. This rapidly advancing branch was initiated in our college in the year 2003. The Department is permanently affiliated to VTU and has been accredited by National Board of Accreditation (2008) & NAAC. The Biotechnology Department has established unique research facilities, viz., Centre for Natural Product Research (With financial assistance from VTU; AICTE, New Delhi & DAE-BRNS, DRDO, New Delhi); Center for Computational Medicinal Chemistry in Drug Discovery (with financial assistance from Vision Group of Science and Technology, Govt. of Karnataka) and Centre for Bioremediation (With financial assistance from Naval Research Board, DRDO, New Delhi & DBT-BIRAC, New Delhi). In these R&D centers, several funded research projects have already been conducted and continuing. Research grants have been received from various

Mr. B.K. MANSTINATHA Pro Sor & Sology

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national and state government funding agencies like DBT-BIRAC, DRDO-NRB, DAE-BRNS, AICTE, VGST-KFIST, VTU, KSCST and NIF.

#### Whereas

"Criyagen Agri & Biotech Pvt Ltd" is a Life Science Company with the mission to deliver low cost, eco-friendly inputs for sustainable agriculture and develop carbon neutral energy means for better tomorrow. Criyagen is pioneer in developing bio-chemical products for comprehensive crop nutrition. Criyagen came into existence in the year 2008 and carved a niche in the industry as the leading manufacturer of supreme quality products. Superiority is the feature and to preserve unique quality standards, Criyagen has immersed in offering a varied collection of Enriched Fertilizer, Bio Pesticide, Innovative Nutrients, Bio Fertilizer, Crop Product and Micronutrients. The company has a vast set up laboratory at each of the production centers. The company is also actively involved in customer driven R&D and continual improvement in Process & Product, based on customer feedback and field inputs, which in turn enables to develop new products, targeted to specific crop requirements and needs resultant in outcome-oriented customized products.

"Criyagen" was founded by Dr. Basavaraj Girennavar, who is now the Chairman and Managing Director of the Company. Dr. Girennavar is a first generation, high impact entrepreneur with scientific acumen and enterprising ideas. He has more than a decade of experience in industry and research both in India and USA.

#### Whereas

The parties have discussed and deliberated on various aspects of mutual interest and benefits and have deemed expedient to execute this Memorandum of Understanding.

#### 1. Sharing of Facilitates

- 1.1. Both the organizations agree to share their respective R & D facilities in order to promote academic and research interaction.
- 1.2. There will be provision for mutual sharing of experts from "Criyagen" and resource persons from "TOCE".

#### 2. Joint R & D Projects

- 2.1. Research projects in the identified areas will be jointly undertaken by "TOCE" and "Criyagen". Both the organizations will submit collaborative research projects to various national and international funding agencies. Both the organizations would ensure the successful completion of the funded research projects in meeting the desired objectives.
- 2.2. For all the matters concerned a coordination committee overseeing the issues consisting of six members (Three Members from "TOCE", Three members from "Criyagen" with the Chairman on rotation basis) for identifying joint R & D projects to be carried out under this MoU. The ethical approval of these projects

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- would be granted by ethics sub committees of "TOCE" and "Criyagen" as registered under law.
- 2.3. Both "TOCE" and "Criyagen" agree to get the tax exemption whenever they provide fund to "TOCE" related to research and also procure the equipment for R & D purpose.

#### 3. Consultancy & Contract Research Services:

- 3.1. Criyagen will offer contract research services to professors and researchers of "TOCE", in the field of Bio Fertilizer, Crop Nutrients, Bio Pesticides.
- 4. Joint Seminar/conference/Workshops/Hands on training programmes.
  - 4.1. Both "TOCE" and "Criyagen" agree to hold/ conduct whenever feasible, joint Conference/Workshop/Hands on training programs in "TOCE/Criyagen".

#### 5. Industrial visits:

5.1. "TOCE" and "Criyagen" agree to organize industrial visits whenever feasible, for the students, staffs and delegates and also during the Conference /Workshop/Hands on training programs.

#### 6. Industrial training:

6.1 Both "TOCE" and Criyagen agree to train the students and staff of "TOCE" by organizing industrial training programs whenever feasible related to technology, Analytical development, validation and documentation etc.

#### 7. Placements:

- 7.1 "TOCE" agree to organize Campus interviews in "TOCE" and off campus interview in "Criyagen". For the students of "TOCE" whenever feasible related to R&D, Production, Quality Assurance and Quality Control departments. "Criyagen" agrees to place the selected candidates in "Criyagen" Internships.
- 7.2 Both "TOCE" and "Criyagen" agree to Provide summer internships to students in another area. This helps in motivating the students, understanding industry environment and practices.

#### 8. INTELLECTUAL PROPERTY, CONFIDENTIALITY AND NON-DISCLOSURE

8.1 Both parties recognize, accept and agree that all tangible and intangible information obtained or disclosed to the other party or its staff or employees including all details, documents, patent information an particulars and trade secrets (all of which are hereinafter referred to as confidential and/or proprietary information) of such party which may be communicated to other party, its staff / employees who may be privy under or pursuant to this contract and/or in the course of performance of such party's obligations under this contract shall be treated as absolutely confidential and the other party agrees and undertakes to ensure that it and all its staff/employees shall keep the same as secret and confidential and shall not disclose the same, at all, in whole or in

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part to any person at any purpose other than as may be necessary for due performance of the party's obligations herein and only for the benefit of the other party.

8.2 Both parties hereby unconditionally agree and undertake to ensure that they or their staff / employees shall not disclose or publish the existence of the terms and conditions of this contract or any information relating to it or other business which they may come across of performing their duties unless such disclosure or publication is strictly required by law or by any authority acting under law.

#### 9. Duration, Amendment and Termination of MoU

9.1 This MoU shall be valid for a period of three years from the date of its signing. During the period of the validity, the MoU can be amended any time by mutual consent of both the parties in writing. The MoU can also be terminated by either party giving the order a written notice of its desire to terminate the MoU by giving three months notice in advance. In the event of such termination both the parties shall cooperate in good spirit for the completion of the ongoing researchers.

#### 10. Dispute Resolution and Governing Law

- 10.1 The dispute or issue if any arising out of or touching this Agreement if not resolved amicably shall be referred to an arbitration of an arbitrator mutually agreed by the parties. In the event parties fail to agree on single arbitrator then each party shall appoint third arbitrator. The arbitration will be held in Bangalore. The Language of the arbitration shall be in English.
- 10.2 In witness whereof of the two parties have signed this memorandum of understanding by the hand of, on behalf of "TOCE" and by the hand on behalf of "Criyagen" on the month and year referred to above.

Signed by and on behalf of "Department of Biotechnolgy"

The Oxford College of Engineering

Dr. B.K.Manjunath,
Head of the Department,
Department of Biotechnolgy
The Oxford College of Engineering
Dr. B.K MANJUNATHA

Professor & Head

Date: 16th September 2021 ent of Biotechnology

The Oxford College of Englisherin

Signed by and on behalf of Criyagen Agri & Biotech Pvt Ltd

Dr. Basavaraj Girennavar Chairman & Managing Director, Criyagen Agri & Biotech Pvt. Ltd, Bangalore.





#### Children's Education Society ®

## THE OXFORD COLLEGE OF ENGINEERING DEPARTMENT OF BIOTECHNOLOGY

(Approved by AICTE & Accredited by NBA & NAAC, New Delhi & Affiliated to VTU, Belgaum)

20/10/21

#### CIRCULAR

Dear Faculty members, students, Department is organizing an Expert Lecture on "My Story-Motivational Session" by Dr.Basavarj Giriyannavar, Managing Director, Criyagen Agri and Biotech Pvt Ltd on 22<sup>nd</sup> October 2021 Biotech students at 10.30 am. All the faculties and students are hereby informed to attend the same.

Dr. B.K MANJUNATHA
Professor & Head

Department of Biotechnolog The Oxford College of Engine Bengaluru-560 068



#### Children's Education Society & THE OXFORD COLLEGE OF ENGINEERING

DEPARTMENT OF BIOTECHNOLOGY

(Affiliated to VTU, Belgaum, Approved by AICTE, Accredited by NBA)

## Report on "My story- Motivational Session by Successful

## Entrepreneur/Startup founder- Criyagen"

The Department of Biotechnology, The Oxford College of Engineering, Bangalore in association with Institute Innovation Council Organized a "My story- Motivational Session by Successful Entrepreneur/Startup founder" by Dr.Basavaraj Giriyannavar, Managing Director, Criyagen, Bengaluru, on 22<sup>nd</sup> October 2021 from 10:30 AM.



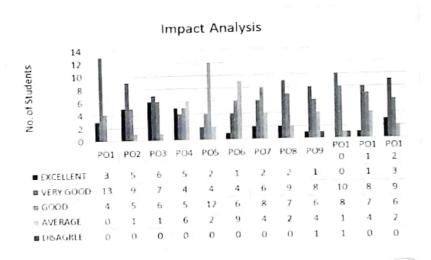
The session was on "Start-up to Scale-up through Innovations" by Dr.Basavaraj Giriyannavar, Managing Director, Criyagen, Bengaluru. Dr. Girennavar is a first generation, high impact entrepreneur with scientific acumen and enterprising ideas. He has more than a decade of experience in industry and research both in India and USA. He talked about agriculture ecosystem for start-up to scale-ups. He also emphasized on various products that would be useful for agriculture, farming and other value-added products also. The session was very informative. He focused on the role in developing smart technologies to reach farming community. He also

talked on the importance to create tools and technologies in redefining of "farming for food and fuel" to reduce human impact on geo-ecology and carbon footprints. He also gave a glimpse of innovative mobile based app (CriyagenAgriApp) for transforming agriculture information sharing and communication with farmers around the world. The session was very informative. Around 30 students and 6 faculties of Biotechnology department participated in the session.

#### OUTCOME:

- Able to understand about the entrepreneurship opportunities in biotech industries
- Able to acquire knowledge about the start-up processes
- Grasp an idea on how to scale up the start-up processes through innovations.

#### IMPACT ANALYSIS:



Or. B.K MANJUNATHA
Professor & Head

Department of Biotechnology fhe Oxford College of Engineering Bengaluru-560 068.

# List of the faculty attended session:

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3.	Suna dalila N.	25 7	- Methy
4	W. Indulekma John	D 7	Ton
-5	DIVALARA.R	Ra	Tim .
- 6	Dr. Nathiya. T	RI	FILM
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## List of the students attended session:

S. No:	Student name	Donortman	C:
1,	ROHITH BH	Department	Sign
2.	Pavan DN	BT	Carry day
3	Felas. H. N	BT	
3 4 5 6	Janjay BiR	BT	2.00
5	Vixedhitha. S	B.T	Lips BR
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10.	Gretal	B.T	Doopika
11	RAKESH B.M	B.T	Great
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12	Samzeen, s	BJ	Sing
14	Tazkiya Ierehad Manamohar. M.S	B7	plan
	Mina T Rolal	BT 12 T	Marie
15	Karan J. Redoly	BI .	Aug
16.	Adarah N		1/0.10
17.	Adaroch Sai	BT B T	Stollown ly
18.		BT	paarit S
19.	Vanuley		Vamshar brishen
20	Eeksha, Prasad G.S	BT	Colle
21	KRUTHIKA R.	Br	Buttilca
22	Sneha.G. Krishnan	BT	Sucha
23	Chaithra Shree. P	BT	Chaitles
04	Poojitha NG	BT.	2001
2.5	Janani S	ET	Sugar
26	Likitha	BT B7	Colonia.
27)	Harsha R	<b>B7</b>	tank
261	Mybli	BT	Smithely
39)	Vilbha - J	87	and.
30)	Deeksha K	37	T. D
31)	Guershma. N	BT	Conh
32)	Surradha.N	BT	Sugradho.



### Memorandum of Understanding

#### Between

#### Fibroheal Woundcare Pvt. Ltd

IS-21, KHB Industrial area, Yelahanka New Town, Bengaluru - 560064

And

The Department of Biotechnology

The Oxford College of Engineering Bommanahalli, Bangalore-560068

This MoU is executed in September-2021 between The Department of Biotechnology, The Oxford College of Engineering, Bommanahalli, Bangalore a premier centre of Excellence, herein after referred to as "TOCE" which expression shall mean and include repugnant to context hereof, its successor-in-interest, administrators and assigns

#### AND

Fibroheal Woundcare Pvt Ltd, IS-21, KHB Industrial area, Yelahanka New Town, Bengaluru – 560064. Hereinafter referred to as "Fibroheal" which expression shall may and include unless repugnant to context hereof, it's successors-interest, administrators and assigns, whereas

"TOCE" The Oxford College of Engineering is one of the 36 most prestigious institutions run by the Children's Education Society. Biotechnology Engineering is a multi-disciplinary having applications in multiple fields including Health care, Agriculture, Food Industry and Environmental issues. This rapidly advancing branch was initiated in our college in the year 2003. The Department is permanently affiliated to VTU and has been accredited by National Board of Accreditation (2008) & NAAC. The Biotechnology Department has established unique research facilities, viz., Centre for Natural Product Research (With financial assistance from VTU; AICTE, New Delhi & DAE-BRNS, DRDO, New Delhi); Center for Computational Medicinal Chemistry in Drug Discovery (with financial assistance from

Professor & Head
Department of Biotechnology
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Vision Group of Science and Technology, Govt. of Karnataka) and Centre for Bioremediation (With financial assistance from Naval Research Board, DRDO, New Delhi & DBT-BIRAC, New Delhi). In these R&D centers, several funded research projects have already been conducted and continuing. Research grants have been received from various national and state government funding agencies like DBT-BIRAC, DRDO-NRB, DAE-BRNS, AICTE, VGST-KFIST, VTU, KSCST and NIF.

Whereas

FIBROHEAL WOUNDCARE PVT. LTD. is a leading biotech and healthcare start-up company working exclusively on "Silk Proteins" as "Biomaterial for Wound Healing" focused on active and advance wound care management. "Fibroheal" was started in 2017 by Vivek Mishra who is the Director and CEO of the company.

This company is one among the few companies working across the globe on non-textile application of "Silk Protein", as versatile biomaterial in biomedical use. The company is a pioneer in leveraging the biomaterial application of silk proteins to develop most innovative advance and active wound care products to heal acute and chronic wounds or non-healing or slow healing or difficult-to-heal wounds through our indigenously developed IP protected technology. The company brings together our technical expertise on biomaterials with the contemporary knowledge of pharma and biomedical engineering to design/develop novel and cost-effective solutions for wound management. "Fibroheal" is a true research and technology driven company with a dedicated in-house R&D, possessing innovative technological wound care products and solutions and ambition to go-global with international standards.

"Fibroheal" aspire to be one of the Indian companies catering to entire gamut of wound management, offering comprehensive solutions to entire wound care continuum. The entire range of products are manufactured in-house in state-of-art, ISO 13485 and GMP certified facility. "Fibroheal" have few flagship products in the basket and are the first choice of many wound care professionals in both institutional and customer segments, who are looking for advanced, affordable and effective wound care solutions. The firm is also registered under the Startup India and Startup Karnataka schemes. They are also awarded as one of the winners of ELEVATE 2019, and recognized as the most innovative startup from Startup Karnataka from Government of Karnataka.

Professor & Head
Department of Biotechnology
The Oxford College of Figure

## FIBR()HEAL



#### Whereas

The parties have discussed and deliberated on various items of mutual interest and benefits and have deemed expedient to execute this memorandum of understanding so as to mutually co-operate in validating medicinally important products and assays and joint publication.

#### 1. Sharing of Facilitates

- 1.1 Both the organizations agree to share their respective R & D facilities in order to promote academic and research interaction.
- 1.2 There will be provision for mutual sharing of experts from "Fibroheal" and resource persons from "TOCE".

#### 2. Joint R & D Projects

- 2.1 Research projects in the identified areas will be jointly undertaken by "TOCE" and "Fibroheal". Both the organizations will submit collaborative research projects to various national and international funding agencies. Both the organizations would ensure the successful completion of the funded research projects.
- 2.2 For all the matters concerned a coordination committee overseeing the issues consisting of six members (Three Members from "TOCE", Three members from "Fibroheal" with the Chairman on rotation basis) for identifying joint R & D projects to be carried out under this MoU. The ethical approval of these projects would be granted by Ethics sub committees of "TOCE" and "Fibroheal" as registered under law.
- 2.3 Both "TOCE" and "Fibroheal" agree to get the tax exemption whenever they provide fund to "TOCE" related to research and also procure the equipment for R & D purpose.

#### 3. Consultancy & Contract Research Services:

3.1. "Fibroheal" will offer contract research services to professors and researchers of "TOCE", in the field wound care.

> Professor & Head Department of Sictochnow av

The Oxford College of Ep.
Bengalury-58\* (\*)



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- 4. Joint Seminar/conference/Workshops/Hands on training programmes.
- 4.1. Both "TOCE" and "Fibroheal" agree to hold/ conduct whenever feasible, joint Conference/Workshop/Hands on training programs in "TOCE/ Fibroheal".

#### 5. Industrial visits:

5.1. "TOCE" and "Fibroheal" agree to organize industrial visits whenever feasible, for the students, staffs and delegates and also during the Conference /Workshop/Hands on training programs.

#### 6. Industrial training:

6.1 Both "TOCE" and "Fibroheal" agree to train the students and staff of "TOCE" by organizing industrial training programs whenever feasible related to technology, Analytical development, validation and documentation etc

#### 7. Placements:

- 7.1 "TOCE" agree to organize Campus interviews in "TOCE" and off campus interview in "Fibroheal". For the students of "TOCE" whenever feasible related to R&D, Production, Quality Assurance and Quality Control departments. "Fibroheal" agrees to place the selected candidates in "Fibroheal" Internships.
- 7.2 Both "TOCE" and "Fibroheal" agree to Provide summer internships to students is another area. This helps in motivating the students, understanding industry environment and practices.

#### 8. INTELLECTUAL PROPERTY, CONFIDENTIALITY AND NON-DISCLOSURE

8.1 Both parties recognize, accept and agree that all tangible and intangible information obtained or disclosed to the other party or its staff or employees including all details, documents, patient information an particulars and trade secrets (all of which are hereinafter referred to as confidential and / or proprietary information) of such party which may be communicated to other party, its staff / employees who may be privy under or pursuant to this contract and / or in the course of performance of such party's

Professor & Head
Department of Biotechnology

The Oxford College of Engineering
Bengaluru-Fo





obligations under this contract shall be treated as absolutely confidential and the other party agrees and undertakes to ensure that it and all its staff / employees shall keep the same as secret and confidential and shall not disclose the same, at all in whole or in part to any person at any purpose other than as may be necessary for due performance of the party's obligations herein and only for the benefit of the other party.

\$.2 Both parties hereby unconditionally agree and undertake to ensure that they or their staff / employees shall not disclose or publish the existence of the terms and conditions of this contract or any information relating to it or other business which they may come across of performing their duties unless such disclosure or publication is strictly required by law or by any authority acting under law.

#### 9. Duration, Amendment and Termination of MoU

9.1 This MoU shall be valid for a period of three years from the date of its signing. During the period of the validity, the MoU can be amended any time by mutual consent of both the parties in writing. The MoU can also be terminated by either party giving the order a written notice of its desire to terminate the MoU by giving three months notice in advance. In the event of such termination both the parties shall cooperate in good spirit for the completion of the ongoing researchers.

#### Dispute Resolution and Governing Law

10.1 The dispute or issue if any arising out of or touching this Agreement if not resolved amicably shall be referred to an arbitration of an arbitrator mutually agreed by the parties. In the event parties fail to agree on single arbitrator then each party shall appoint third arbitrator. The arbitration will be held in Bangalore. The Language of the arbitration shall be in English.

Ur. B.WMANJUNATHA

Professor & Head Department of Biotechnology The Oxford College c Engineering Bengalum-121 188

# FIBR()HEAL



10.2 In witness whereof of the two parties have signed this memorandum of understanding by the hand of, on behalf of "TOCE" and by the hand of behalf of "Fibroheal" on the month and year referred to above.

Signed by and on behalf of Department of Biotechnolgy"

The Oxford College of Engineering

Dr. B.K.Manjunath,
Head of the Department,
Department of Biotechnolgy
The Oxford College of Engineering

Ur. B.K MANJUNATHA

Professor & Head
Department of Biotochiclogy
The Oxford College of Engineering
Bengaluru-560 06S

Signed by and on behalf of Fibroheal Woundcare Pvt Ltd

Dr. Tapan Kumar Dash Research and Development Manager Fibroheal Woundcare Pvt. Ltd, Bangalore.





#### Children's Education Society ®

# THE OXFORD COLLEGE OF ENGINEERING DEPARTMENT OF BIOTECHNOLOGY

(Approved by AICTE & Accredited by NBA & NAAC, New Delhi & Affiliated to VTU, Belgaum)

15/11/21

#### CIRCULAR

Dear Faculty members, students, Department is organizing an Expert Lecture on "Entrepreneurship and Innovation as Career Opportunity" by Dr. Vivek Mishra, Co-Founder, Fibroheal Wound care Pvt Ltd, on 17<sup>th</sup> November 2021 Biotech students at 10.30 am. All the faculties and students are hereby informed to attend the same.

Dr. B.K MANJUNATHA
Professor & Head
Department of Biotechnologic

The Oxford College of Engine Bengaluru-580 068s

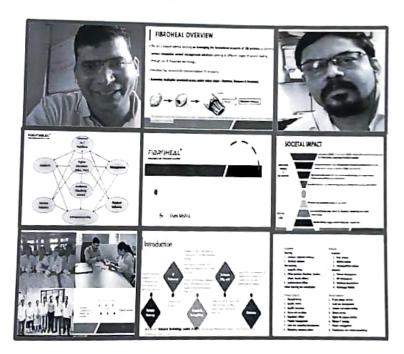


# Children's Education Society 8 THE OXFORD COLLEGE OF ENGINEERING DEPARTMENT OF BIOTECHNOLOGY

(Affiliated to VTU, Belgaum, Approved by AICTE, Accredited by NBA)

# Report on "Webinar on Entrepreneurship and Innovation as Career Opportunity"

The Department of Biotechnology, The Oxford College of Engineering, Bangalore in association with the Institute Innovation Council, organized a "Webinar on Entrepreneurship and Innovation as Career Opportunity" by Dr.Vivek Mishra, Co-Founder Director FIBROHEAL. Bengaluru on 17<sup>th</sup> November 2021 from 10:30 AM.



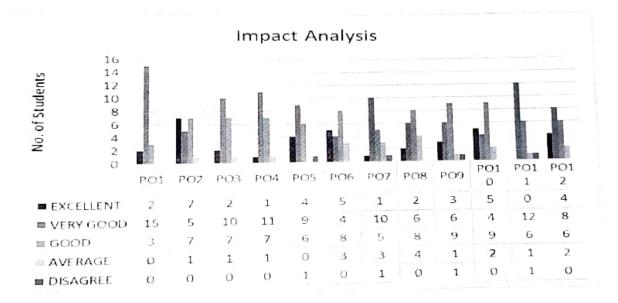
Dr. Vivek Mishra, Co-Founder & Director of FIBROHEAL, Bengaluru, the resource person of the session, discussed about wide range of advanced wound care products which are produced. He exclusively focused on "Silk Proteins" as "Biomaterial for Wound Healing" and also on active, advance wound care management. He gave deep insights about the non-textile application of "Silk Protein", as versatile biomaterial in biomedical use. He explained about the silk protein and silver based anti-microbial meshed surgical wound dressing sheet. He rightly pointed out the

need for extensive research and development expertise in biomaterials with the contemporary knowledge of medicine, pharma and biomedical engineering with the aim of designing novel and innovative solutions to address the needs of active and advance wound care management. The session was very informative. Around 30 students and 6 faculties of Biotechnology department participated in the webinar.

#### OUTCOME:

- Able to learn about advanced wound care management
- Able to understand the non-textile applications of silk protein
- Able to know the significance of biomaterials in various industries

#### IMPACT ANALYSIS:



Professor & Head

Department of Biotechnology

The Oxford College of Engineers

Bengaluru-560 068.

# List of the faculty attended session:

S. No:	Faculty name		
۲.		Departmen t	Sign
2-	Dr. K. Valaymathy MS. H. Salma kausey	BT	Man
<del>4</del> <del>5</del> .	Do Induleksh John	BT	· Call
6-	Dr. Nathiya.T	Bī	T. WM

# List of the students attended session:

S. No:	Student name	Departmen	Sign
	ABHISHEK. P (10x20BTOO1)	BIOTECH	Apilial
2	Sibhajit (10x20BT350)	11	SPARILE
3	Shannen (10x20Bt 024)	١,	Source
4	Yathersh M. N (10x20BTOZ4)	Biotech	Carte
5	Sakshin Kumaros (JOXZOBTOZI)	BT	Sold
61	Meghaner M Rajo (10X20BTO12)	BT	Nich
7	Srinidli (10420BTO27)	BT	Huitling
8.	Pavithra (1000BTOIT)	61	P2,
9	Pavava (10×20B-1015)	BT	Caland
10	Salana (10×20B7020)	BI	Acoola
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#### 1. Sharing of Facilitates and contract research

- 1.1 Both the organizations agree to share their respective R & D facilities in order to promote academic and research interaction.
- 1.2 There will be provision for mutual sharing of experts from "ABS" and resource persons from "TOCE" as collaborator and scientific advisor.

#### 2. Joint R & D Projects

- 2.1 Research projects in the identified areas will be jointly undertaken by "TOCE" and "ABS"
- 2.2 Both "ABS" and "TOCE" agree to get the tax exemption whenever they provide fund to research and also procure the equipments for R & D purpose.

#### 3. Technology transfer:

3.1 Both "ABS" and "TOCE" agree to share the technology whenever feasible.

#### 4. Joint Seminar/conference/Workshops/Hands on training programmes.

4.1 Both "ABS" and "TOCE" agree to hold/ conduct whenever feasible, joint Conference/Workshop/Hands on training programmes in "ABS" and "TOCE".

#### 5. Industrial visits:

5.1. Both "ABS" and "TOCE" agree to organize industrial visits whenever feasible, for the students, staffs and delegates and also during the Conference /Workshop/Hands on training programmes.

#### 6. Industrial training:

6.1 Both "ABS" and "TOCE" agree to train the students of Biotechnology or other students and staff of "TOCE" by organizing industrial training programmes whenever feasible related to technology, Product development, validation and documentation etc.

#### 7. Internships:

7.1 Both "ABS" and "TOCE" agree to Provide summer internships to students is another area.

This helps in motivating the students, understanding industry environment and practices, job profiles, projects they can undertake besides facilitating them to earn some money to be spent usefully in the next academic year / semester

#### 8. INTELLECTUAL PROPERTY, CONFIDENTIALITY AND NON-DISCLOSURE

8.1 Both parties recognize, accept and agree that all tangible and intangible information obtained or disclosed to the other party or its staff or employees including all details, documents, patient information an particulars and trade secrets (all of which are hereinafter referred to as confidential and / or proprietary information) of such party which may be communicated to other party, its staff / employees who may be privy under or pursuant to this contract and / or in the course of performance of such party's obligations under this contract shall be treated as absolutely confidential and the other party agrees and undertakes to ensure that it and all its staff / employees shall keep the same as secret and confidential and shall not disclose the same, at all in whole or in part to any person at any purpose other than as may be necessary for due performance of the party's obligations herein and only for the benefit of the other party.

#### 9. Duration, Amendment and Termination of MoU

9.1 This MoU shall be valid for a period of 2 years from the date of its signing. During the period of the validity, the MoU can be amended any time by mutual consent of both the parties in writing. The MoU can also be terminated by either party giving the order a written notice of its desire to terminate the MoU by giving three months notice in advance. In the event of such termination both the parties shall cooperate in good spirit for the completion of the ongoing researches.

For AZYME BIOSCIENCES PVT LIMITED For THE DEPARTMENT OF BIOTECHNOLOGY THE OXFORD COLLEGE OF ENGINEEERING

Halist: M

Dr.Mahesh M. CEO. **Azyme Biosciences Pvt Limited** 

Dr.B.K.Manjunath, Professor & Head. Department of Biotechnology,

The Oxford College of Engineering,



#### AZYME BIOSCIENCES PVT. LTD

Date: 3rd May 2023

#### CERTIFICATE

This is to Certify that Mr. Adarshi S Sai , Student of Department of Biotechnology From The Oxford College of Engineering, Bengaluru has successfully completed Project work titled "Probiotic Drink from Flax Milk" from 1st February 2023 to 28th April 2023 at Azymes Biosciences Pvt.Ltd.

Mahesh. M





#### MEMORANDUM OF UNDERSTANDING

#### **BETWEEN**

Stericon Pharma Pvt.Ltd
No. 9R, Sub Layout of Plot No.9, 1st Phase, Bommasandra Industrial Area, Bengaluru,
Karnataka 560099

# AND THE DEPARTMENT OF BIOTECHNOLOGY, THE OXFORD COLLEGE OF ENGINEERING, Bommanhalli, Bengaluru-560068

This MoU is executed on 1<sup>st</sup> August 2022 between THE DEPARTMENT OF BIOTECHNOLOGY, THE OXFORD COLLEGE OF ENGINEERING, a premier centre of Excellence, herein after referred to as "TOCE" which expression shall mean and include repugnant to context hereof, its successor-in-interest, administrators and assigns

#### **AND**

Between Stericon Pharma Pvt.Ltd, hereinafter referred to as "SPP" which expression shall man and include unless repugnant to context hereof, it's successors-interest, administrators and assigns

#### Whereas

The parties have discussed and deliberated on various items of mutual interest and benefits and have deemed expedient to execute this memorandum of understanding so as to mutually co-operate in Student Training, Contract Research works, workshops, Product validation, Research projects sharing, validating products and assays and joint publication.

#### 1. Sharing of Facilitates and contract research

- 1.1 Both the organizations agree to share their respective R & D facilities in order to promote academic and research interaction.
- 1.2 There will be provision for mutual sharing of experts from "SPP" and resource persons from "TOCE" as collaborator and scientific advisor.





#### 2. Joint R & D Projects

- 2.1 Research projects in the identified areas will be jointly undertaken by "TOCE" and "SPP"
- 2.2 Both "SPP" and "TOCE" agree to get the tax exemption whenever they provide fund to research and also procure the equipments for R & D purpose.

#### 3. Technology transfer:

- 3.1 Both "SPP" and "TOCE" agree to share the technology whenever feasible.
- 4. Joint Seminar/conference/Workshops/Hands on training programmes.
- 4.1 Both "SPP" and "TOCE" agree to hold/ conduct whenever feasible, joint Conference/Workshop/Hands on training programmes in "SPP" and "TOCE".

#### 5. Industrial visits:

5.1. Both "SPP" and "TOCE" agree to organize industrial visits whenever feasible, for the students, staffs and delegates and also during the Conference /Workshop/Hands on training programmes.

#### 6. Industrial training:

6.1 Both "SPP" and "TOCE" agree to train the students of Biotechnology or other students and staff of "TOCE" by organizing industrial training programmes whenever feasible related to technology, Product development, validation and documentation etc.

#### 7. Internships:

7.1 Both "SPP" and "TOCE" agree to Provide summer internships to students is another area.

This helps in motivating the students, understanding industry environment and practices, job profiles, projects they can undertake besides facilitating them to earn some money to be spent usefully in the next academic year / semester

#### 8. INTELLECTUAL PROPERTY, CONFIDENTIALITY AND NON-DISCLOSURE

8.1 Both parties recognize, accept and agree that all tangible and intangible information obtained or disclosed to the other party or its staff or employees including all details, documents, patient information an particulars and trade secrets (all of which are hereinafter referred to as





confidential and / or proprietary information) of such party which may be communicated to other party, its staff / employees who may be privy under or pursuant to this contract and / or in the course of performance of such party's obligations under this contract shall be treated as absolutely confidential and the other party agrees and undertakes to ensure that it and all its staff / employees shall keep the same as secret and confidential and shall not disclose the same, at all in whole or in part to any person at any purpose other than as may be necessary for due performance of the party's obligations herein and only for the benefit of the other party.

#### 9. Duration, Amendment and Termination of MoU

9.1 This MoU shall be valid for a period of 2 years from the date of its signing. During the period of the validity, the MoU can be amended any time by mutual consent of both the parties in writing. The MoU can also be terminated by either party giving the order a written notice of its desire to terminate the MoU by giving three months notice in advance. In the event of such termination both the parties shall cooperate in good spirit for the completion of the ongoing researches.

For THE DEPARTMENT OF BIOTECHNOLOGY THE OXFORD COLLEGE OF ENGINEEERING

for Stericon Pharma Private Limited

moth ulla.M.

Rahmath Ulla M Production Head Pharma Que

Dr.B.K.Manjunath,
Professor & Head
Department of Biotechnology,
The Oxford College of Engineering,

30th SEP 2022

#### TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. CHAITHRA SHREE P (USN:10X19BT006), B.E Biotechnology student of, THE OXFORD COLLEGE OF ENGINEERING BANGALORE has undergone her Internship at Stericon Pharma Private limited, Bangalore for a period of 3 Weeks from 02/09/2022 to 30/09/2022

During her stay she had exposure to Production, Engineering , Quality control , Quality Assurance and Stores Departments of Eye/Ear Drops and Contact Lens Cleaning Solution.

We wish her the best in her future endeavour

for Stericon Pharma Private Limited

Rahmath Ulla M

Production Head



# MEMORANDUM OF UNDERSTANDING (MOU)







#### THE OXFORD COLLEGE OF ENGINEERING, DEPARTMENT OF MECHANICAL ENGINEERING AND PRINSTON SMART ENGINEERS

The Memorandum of Understanding is made between Department of Mechanical Engineering, THE OXFORD COLLEGE OF ENGINEERING and PRINSTON SMART ENGINEERS, to promote the cooperation in Workshops, Conferences and Seminars would be mutually beneficial. The areas of cooperation may include, subject to mutual consent, any desirable and feasible activity that would further the goals of each institution. Such interaction may include cooperation in a variety of joint academic and educational activities such as:

- To conduct the conferences, seminars and workshops.
- Should accommodate the UG students in such a number that industry deems convenient to it for the purpose of imparting industrial training and internships.
- To give the placement opportunities to the students.

The parties anticipate that a number of these initiatives will occur during the period of this MOU i.e (Oct-2020 to Oct-2023). However, neither party is obligated to agree to any minimum number of activities, nor is this MOU intended to preclude either party from entering into similar agreements with other institutions.

The following initiatives provide good starting places and can be implemented as soon as administrative details are agreed upon between the two institutions:

This MOU shall be identified as the parent document of any program agreement executed between the parties. Further greements concerning any program shall provide details concerning the specific commitments made by each party and shall not become effective until they have been reduced to writing, executed by the duly authorized representatives of the parties.

This Agreement shall become effective upon being signed by both parties.

SIGNATORIES

HEAD OF TRAINING CHIFF EXECUTIVE OFFICER PRINSTON SMART ENGINEERS

G.H. Reddy

Dr. MADHU SUDANA REDDY G PROFESSISCIENTE HEAD PARTMENT OF MECHANICAL ENGINEERIS E OXFORD COLLEGE OF ENGINEERIA BOMMANAHALLI, BANGALORE-560051

Prof. N

THE OXFORD BLEET NEWS PONT The Oxford College of Engineering Bommanahalli, Hosur Road Bengaluru-560 068.





## Kiran P R H V A C D E S I G N

#### **Certificate Of Internship**

Aug 22" To Sep 22", 2023

THE OXFORD COLLEGE OF ENGINEERING, 10X20ME005

During Internship, Intern was found to be good and disciplined.







Course4job.com

Empowering and Inspiring future professionals



#### PRINSTON SMART ENGINEERS

#### Certificate of Internship HVAC Design

Prashant Ranjan The Oxford College Of Engineering 10X20ME010

Intern Has Successfully Completed The Internship. Intern Was Found To Be Good And Disciplined. Nov 7th to Dec 12th, 2022







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Internationally Recognized by We-Dir-Tech Contracting , Trading and Engineering Services W.L.L. Doha, Qutar Collaboration Certificate Number = poerlywedirtect qutar



# MEMORANDUM OF UNDERSTANDING (MOU)



#### BETWEEN

## THE OXFORD COLLEGE OF ENGINEERING, DEPT. OF MECHANICAL ENGINEERING

#### AND

#### EXCEL SPRINGS PVT. LTD.

e Memorandum of Understanding is made between Department of Mechanical Engineering, THE OXFORD COLLEGE ENGINEERING and EXCEL SPRINGS PVT. LTD., to promote the cooperation in Research, Workshops, Conferences and minars would be mutually beneficial. The areas of cooperation may include, subject to mutual consent, any desirable desible activity that would further the goals of each institution. Such interaction may include cooperation in a variety joint academic and educational activities such as:

- · Joint research publications with the industry.
- · To conduct the conferences, seminars and workshops.
- Should accommodate the UG students in such a number that industry deems convenient to it for the purpose of imparting industrial training and internships.
- The students will corry out part of their UG project at industry depending on the nature of the work as per rules depending on the facilities and requirements.
- To give the placement opportunities to the students.

he parties anticipate that a number of these initiatives will occur during the period of this MOU i.e (Jan-2021 to Jan-024). However, neither party is obligated to agree to any minimum number of activities, nor is this MOU intended to reclude either party from entering into similar agreements with other institutions.

he following initiatives provide good starting places and can be implemented as soon as administrative details are greed upon between the two institutions:

Is MOU shall be identified as the parent document of any program agreement executed between the parties. Further presents concerning any program shall provide details concerning the specific commitments made by each party and all not become effective until they have been reduced to writing, executed by the duly authorized representatives of all not become effective until they have been reduced to writing, executed by the duly authorized representatives of e parties.

his Agreement shall become effective upon being signed by both parties.

G.H. Reddy

SIGNATORIES

Mr. MANOHAR EXECUTIVE DIRECTOR EXCEL SPRINGS PVT LTD

PROMESSION ROPIEAD

EPARTMENT OF MECHATICAL ENGINEERS
HE OXFORD COLLEGE OF ENGINEERS

POMMANAHALLI, BANGALORE-59

Prof. NANCY JOHNSON
HEAD PLACEMENT LEARNING & EDUCATION THE
OXFORD EDUCATIONAL INSTITUTIONS

The Oxford Confede of Engineering Bommanahalli, Hosur Road Bengaluru-560 068.



#### Chetan K SPRING DESIGN

#### **Certificate Of Internship**

Aug 22™ To Sep 22™, 2023

THE OXFORD COLLEGE OF ENGINEERING, 10X21ME400

During Internship, Intern was found to be good and disciplined.







#### Imran Ali Wani SPRING DESIGN

#### **Certificate Of Internship**

Aug 22™ To Sep 22™, 2023

THE OXFORD COLLEGE OF ENGINEERING, 10X20ME004

During Internship, Intern was found to be good and disciplined.







#### CHILDREN'S EDUCATION SOCIETY (Regd.)

Administrative Office:

1st Phase, J.P. Nagar, Bengaluru - 560 078. (2:080 - 61754501 - 502 Fax: 080 2654 8658

# THE OXFORD COLLEGE OF ENGINEERING

(Recognized by the Govt. of Karnataka, Affiliated to Visvesvaraya Technological University. Belagavi & Approved by A.I.C.T.E., New Delhi, Accrediated by NAAC & NBA New Delhi and Recognized by UGC under section 2(f))

Bommanahalli, Hosur Road, Bengaluru - 560 068.
©: 080 61754601 / 602 / 604 Fax: 080 25730551

E-mail: engprincipal @theoxford.edu Web: www.theoxford.edu

# MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (herein after referred to as MoU) is entered into on this date 21-01-2021 between THE OXFORD COLLEGE OF ENGINEERING, BENGALURU and GOVT. TOOL ROOM AND TRAINING CENTRE - Bengaluru.

The scope of the MoU, the roles and responsibilities of the parties.

#### Background

This MoU is for the benefits of students for IT / Mechanical / Mechatronics / Automobile / Electrical / Electronics and communication. This MoU is for the conducting internship, Training, Projects, Workshop, Seminars and Faculty development programme for the following Branches.

- 1. Mechatronics Engineering
- 2. Mechanical Engineering
- 3. Electrical and Electronics Engineering
- 4. Electronics and Communication Engineering
- 5. Automobile

# 1. BENEFITS TO THE, THE OXFORD COLLEGE OF ENGINEERING, BENGALURU

- 1.1 Opportunity to emerge as one of the competent entities in the academic circles in research and development in the area of Information Technology and Mechatronics.
- 1.2 Opportunity to be recognized by the industry and academic circles as one of the preferred locations for acquiring training and skills development in latest technology and software.
- 1.3 Opportunity to utilize the Program to train students on Latest Technology Software products and technologies.

1

1|Page

- 1.4 Opportunity for the faculty and students of THE OXFORD COLLEGE OF ENGINEERING, BENGALURU to design world class curriculum capable of delivering the caliber of IT skills required at present and also for the future.
- 1.5 Students will get 20% discount in course fees, provided with minimum batch quantity of 20 numbers and Fees will be directly deposited to GTTC through institutes.
- 2. BENEFITS FROM GOVT. TOOL ROOM AND TRAINING CENTRE BENGALURU
- 2.1. Students and faculty will get the technical support on latest technology along with paper presentations and live projects.
- 2.2. Students and faculty will get the coding level workshop program on latest technologies and workshop program will be on hands on work.
- 2.3. GOVT. TOOL ROOM AND TRAINING CENTRE BENGALURU will support for student final year academic project with training and development on as per student problem statement and also latest technology.

#### MONITORING OF IMPLEMENTATION

A Co-ordination Committee consisting of two faculty members of THE OXFORD COLLEGE OF ENGINEERING, BENGALURU and two officers nominated by GOVT. TOOL ROOM AND TRAINING CENTRE – BENGALURU will do the planning and monitoring of the implementation of the various aspects of this MoU. There will be an annual review, this review would primarily focus on the curriculum progress, faculty availability and certification.

#### GENERAL

10

1. This MoU may be terminated by either party through a notice of one month. Either party may terminate this MoU if either of the parties is frustrated by reasons beyond its control from going ahead with the implementation of the provision of this MoU. The provisions



2|Page

contained in Clauses 5 ("Intellectual Property Rights"), 6 ("Limitation of Liability") and 7 will survive any such termination.

- 2. Neither parties will make any presentations pertaining to the other or its business or affairs, without the express written consent and approval of other.
- It is understood that during the course of this MoU it may be necessary for either party to
  disclose confidential/proprietary information to the other. The disclosure of any such
  information or data between the parties shall be made pursuant to an executed
  Confidentiality Agreement.
- All costs incurred by a party pursuant to this MoU shall be borne by the party who
  incurred the costs.
- There shall be no liability on the part of any party to the other arising from the termination of this MoU.
- 6. This MoU is not binding on either of the parties hereto, except as specifically set out hereto. This MoU is intended to express the broad understanding of the parties and as a broad framework for working together on a specific opportunity as detailed herein.

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- The terms of the applicable software license agreements and terms relating to confidentiality under this MoU shall survive the term of the MoU.
- 8. Neither party may use the other's corporate name or any trade mark or name or any other items or assets protected by intellectual property rights, including but not restricted to, use in any promotional material, press releases, advertisements, communications, stationery, web sites, or the like.
- 9. Neither party will disclose the existence, or the terms and conditions, of this MoU or any information connected with it or any information received from the other or otherwise during the implementation of this MoU or its subsequent amendments, if any, except as may be required by law or on a strictly "need-to-know" basis for the purpose of implementing this MoU, or its subsequent amendments, if any, unless express prior written consent of the other party shall have been obtained in advance.
- 10. Save for their respective rights and obligations relating to Intellectual Property Rights (including the ownership of the Intellectual Property) as mentioned in Clause herein above, neither party is liable to the other for any damages or claims.
- 11. Unless previously consented to by both parties, there shall be no assignment of any interest under this MoU by any party hereto.

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#### SUMMARY:

GOVT. TOOL ROOM AND TRAINING CENTRE - BENGALURU recognizes the significance of the Principal of THE OXFORD COLLEGE OF ENGINEERING. BENGALURU initiative to be the leader in the field of Toolong and High Tech Technology reined scademia in the country GOVT, TOOL ROOM AND TRAINING CENTRE -BENGALURU proposes to make available the oppropriate technology and expertise to develop THE OXFORD COLLEGE OF ENGINEERING, BENGALURU position as a leading institute providing high quality shifted resources. This Memorandum of Understanding is intended to express the board understanding of the panies regarding their working with each other to the extest possible for their mutual benefit.



Signature with real,

PRINCIPAL The Oxford Cottege of Engineering Bommanahalt, Hotal Road Bengaluru 560 068.

THE OXFORD COLLEGE OF ENGINEERING, BENGALURU

Signature with sent.

GOV FOOL ROOM AND TRAINING CENTRE

AND THE STREET STREET

BENGALURU

The Oxford College Of Engines 117

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# ಸರ್ಕಾರಿ ಉಪಕರಣಾಗಾರ ಮತ್ತು ತರಬೇತಿ ಕೇಂದ್ರ Govt. Tool Room & Training Centre

Rajasinagar Industrial Escate Bangatore 560 010, INDIA

# LETTER OF INTERNSHIP

Date: 20/04/2021

The Head of the Department, The Oxford College of Engineering 10° milestone, Hosur Rd. Bommanahall Bengaluru - 560068

Respected Sir/Madam,

Subject: Students Internship confirmation regd.

Government Tool Room and Training Centre is pleased to inform you that Mr.Ahmed Adeel Gazali [ USN NO. 10X17MT002], student of final year. Mechatronics Engineering branch of your institution was admitted for internship with us and he was offered internship in the domain of "BASICS OF PLC AND MECHATRONICS "and the training program was scheduled from 15th March 2021

The student was facilitated to work as an Intern Trainee of our company for the duration of 4 weeks under the guidance and supervision of Mr. Anil Gowda. internship completion certificate has been issued to him based on his regular attendance and performance

Best Regards. an

Authorized Senatory Govl. Tool Room & Training

Rapidleton a triduction of the Emigrace 100 01

TRAINING IN TOOLING CADICAM ELECTRONICS ETC. SPECIALISED IN PLASTIC MOULDING TOOLS, PRESS TOOLS, DISCRISTING TOOLS & PRECISION COMPONENTS, RAD IN TOOLING, MACHINING PROCESSES, & RAPIS PROTOTYPING

Tel 23152118 23152119 23157189 23152345 Fax 91-080-23301685

Website was known to be given by the Grant GTTC

A Scientific & industrial Research Organisation, recognised by Govt, of India



# Children's Education Society ® THE OXFORD COLLEGE OF ENGINEERING Hosur Road, Bommanahalli, Bengaluru-560 068 Department of Mechatronics Engineering

FROM
Head Of The Department
Department of Mechatronics Engineering
The Oxford College of Engineering
Bangalore – 560068

To, The Principal, GTTC, Bangalore. Respected Sir/Madam,

Sub: Permission for pursuing Internship Program.

AHMED A G	10X17MT011	
UDAY KUMAR K	10X17MT027	

With the reference to above the following 8<sup>th</sup> semester students of this institute would like to do internship in your esteemed organization. As a part of VTU curriculum, they have to undergo mandatory internship for a duration of 4 weeks.

We request you to permit them to do the internship in your organization.

Proff de HOD Department of Machanian the Ordert Carleys of Engineers

HOD MT

Brief Report: ABOUT THE COMPANY

INTRODUCTION: gttcwasestablishedin1972atbangalorewiththeparticipationofthekarnataka state government, in collaboration with the government of Denmark under the bilateral development cooperation agreement. The excellent performance of GTTC Bangalore, proactive government of Karnataka which saw the need for expansion, got second unit of gttc started in1992 with DANID assistance.

Proliferation of technology for development of the industries with supply of skilled manpower is the key to meet the needs of the global requirement, with this government of Karnataka encouraged GTTC To start 10 more sub-centres to train in the area of tool and die making in various parts of Karnataka. GTTC is an autonomous society, and a recognized scientific and research organization by the government of India. Govt. Tool room and training centre (gttc), is serving industry by way of precision tooling and providing in well trained craftsmen the area of too land die making.

Today, the GTTC have acquired mastery in mould and die making technology and have blossomed into an epitome of precision and quality in the development and manufacture of sophisticated moulds, dies and tools. Fully aware of the rapid advancement in technology the world over, the gttc is periodically adding new technologies to the existing set of advanced equipment like CAD / CAM, CNC machines for tooling, precision components, laser for industries, rapid prototyping, vacuum casting etc. GTTC is concentrating on the integrated development of the related segments of industries by way of providing international quality tools, trained personnel and consultancy in tooling and related areas. In future, the focus would be more on turnkey projects in tooling, aero space components & their assemblies, and also to support the development of small and medium scale enterprises.

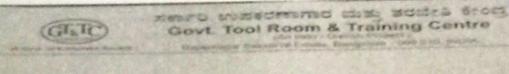
#### **OUTCOMES OF INTERNSHIP**

As a part of the internship at GTTC, Students have obtained an overall skill set which are listed below.

SKILLS LEARNT: During the tenure of 4 weeks of internship at GTTC, The students have been exposed to industry level functioning on different industrial automation design systems.

Skills learnt are as follows:

- Understanding of an industrial problem statement.
- ♣Executing the design procedures.
- ♣Hands-on working with industrial components.
- **◆**Understanding of design limitations.
- ♣Hardware execution challenges.
- ♣ Team work and coordination.
- ▲Effective communication.



#### LETTER OF INTERNSHIP

Dase: 28/00/2021

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Security and the testing program was administrated from 25° March 2021 to GT April 2021

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# THE OXFORD COLLEGE OF ENGINEERING Hosur Road, Bommanahalli, Bengaluru-560 068

# DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

### **Industrial Visit to CMTI**

SI.	USN	Name
1	10X19EC014	Dhanush Reddy S
2	10X19EC007	Basi reddy
3	10X19EC022	Harshitha KT
4	10X19EC019	Gagan kumar
5	10X19EC024	Hema M
6	10X19EC015	Dhanush S
7	10X19EC025	Hemanth A
8	10X19EC011	Chandana K
9	10X19EC034	Kumar Vamshi
10	10X19EC016	Dheeraj Atri
11	10X19EC017	Divya G
12	10X19EC006	Arunachalam M
13	10X19EC010	Bhumika A
14	10X19EC018	Divyashree C
15	10X19EC035	lakshini prathyusha ch
16	10X19EC037	Pragathi M
17	10X19EC026	Impana S V
18	10X19EC036	Lokeshwaran KS
19	10X19EC008	Bhoomika BM
20	10X19EC044	Meenakshy Santhosh
21	10X19EC031	kavya s
22	10X19EC020	Harika C
23	10X19EC002	Ajay kumar
24	10X19EC032	KEERTHANA G D
25	10X19EC004	Akhil K V
26	10X19EC003	Ajit Kumar Sah
7	10X19EC023	Harshitha S
8	10X19EC001	Abhishek Gopalakrishan Bhat

Professor & HOD of E&C Engines

Me Oxford College of Engines

Bommananalli, Bangalore - 550.

# Confirmation: Visit to CMTI facilities - The Oxford College of Engineering

Raghu B CMTI < library@cmti.res.in>

To: sharanpreeta@gmail.com

Thu, Dec 15, 2022 at 3,56 Pt Cc: PrakashVinod cmti cprakashv@cmti.res.in>, Niranjan Reddy <niranjan@cmti.res.in>, AshaRUpadhyaya cmti <asha@cmti.res.in>, Kusuma N CMTI <kusuma@cmti.res.in>,

Ref: LIB/VISIT/2022/19

Dear Madam,

We are pleased to inform you that, students and faculty members of The Oxford College of Engineering, Bangalore are welcome to visit our

Date & Timings; 23/12/2022 at 02.00 PM

No. of Visitors: 30 Students + Accompanying Faculty members

Please note that -

 Visitors Should not carry cameras or mobile phones with a camera facility and should not take any photographs within the Institute premises. Please bring CMTI confirmation letter along with visiting students/participants list and a passport copy (Foreign Students/Participants Only).

Please note: My email ID is changed from library.cmti@nic.in to library@cmti.res.in

साद्रर/With Best Regards

त्व वी/Raghu B.

गरतकालय आर्थश/Librarian

गीएमटीआई, बैनालुर/CMTI, Bengaluru

मोबाइन /Mobile : 9964174321

Dr. Salatha

accompa

CHILDREN'S EDUCATION SOCIETY (Rogd.)

Administrative Office:

1st Phase, J.P. Nagar, Bengaluru - 560 078. (\*): 080 - 61754501 - 502 Fax 080 2654 8658

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E-mail: engprincipal@theoxford.edu Web; www.theoxford.edu

No.TOCE/AACAD/24/2022-23/5773

Date: 21-12-2022

To

Mr. Raghu B Librarian, CMTI, Bangalore

Dear Sir,

SUBJECT: PERMISSION FOR INDUSTRIAL VISIT

We write to inform you that our students of Dept. of ECE is willing to have an industrial tour of your esteemed organization on 23rd Dec 2022 to gain practical knowledge about the industrial procedure and its facilities.

In that regard, about 28 students accomplished by two teachers (Dr. Srilatha and Prof. Prajwalasimha S N) will be visiting your Industry. We kindly request you to accord permission for the same and do the needful.

Thanking you,

Yours faithfully,

PRINCIPAL

Bommanahall, Hosur Road

Bengaluru/560 068

#### **Central Manufacturing Technology Institute** Application Form: CMTI Membership, MTT Subscription and Student Member (Library)

The Manufacturing Technology Today (MTT) is a monthly publication brought out by CMTI

Central Manufacturing Technology Institute (CMTI), Turniur Road, Eurgalore - 560 022, Karnataka

Ph- 5500802006 Website: www.cmtf.res.lit E-mail: mit@emti.res.in PARTITION OF N CANNAN Designation

PRINCIPAL Creanization 631 NO: 29 MATC 15581129 THE ORIGINA COLLEGE OF WORD

Annual Membership Estepon In No. Organization WADI Academic instruction Engineering Student Manufacturing Technology Today (MTT) Subscription GST Registration Number: 29 AATC2085K1ZJ

Period From: 01-01-2022 - 31-12-2023

Please enter full address details (BLOCK CAPITALS) Contact Person: DR. N. KANNAN OF ENGINEERING AMMERS: THE DECIDED COLLEGE BOMMANAUALLI HOSUR ROAD

City: Bengalinus Pin: 560 Off State: KARNATAKA Tel No: 080 - 61454604 | MOD NO: 9443834057

Email: eng prinupal @ theoxford ed u

Website: curves theoxfordengg.org

Payment Details: (DD/Cheque to be drawn in fevour of "Central Manufacturing Technology Institute, Bengaluru")

DD / Chaque No DALEP22 8546 ISUNDER 20-12-2022 for Rs. 5900 4

Bank: STATE BANK OF INDIA, Veshwanthour Branch, APMC Yard, Bengaluru

Nature of Account: Current Account

IFSC Code: SBIN0003297 Account No: 10521862015

Following details for bank transfer :

Name of Account: Central Mai ufacturing Technology Institute

Branch:

Yeshwanthour Branch, Bangalore

Nature of Account: Current Account

Bank: State Bank of India IFSC code: \$8IN0003297 Account No: 10521862015

If you are sending the amount is NEFT, please inform us immediately through E-mail to mtt@cmti.res.in

Lagree to abide by the Memor: Idum of Association and Rules and Regulations for the time being in force.

1010 SPRINGIBALI

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Scholars	Advertisement in CMTI Publications - 10% discount on the prescribed rates			
	Particl. ation in the AGM of CMTi; Soft copy of Annual Report shall be shared by email			
Engineering Student	Engineering Students can refer library documents. Photocopies will be provided with the concessional rate of t.2/- page, subject to minimum billing of t.50×10% GST			
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# Memorandum of Understanding .

# THE OXFORD COLEEGE OF ENGINEERING BENGALURU



# AND

# CONSTRUCTION MANAGEMENT TRAINING INSTITUTE, BENGALURU





# INDIA NON JUDICIAL

# **Government of Karnataka**

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Article 37 Note or Memorandum

Description

MOU

Consideration Price (Rs.)

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First Party

THE OXFORD COLLEGE OF ENGINEERING

Second Party

CONSTRUCTION MANAGEMENT TRAINING INSTITUTE

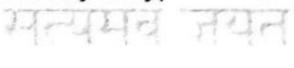
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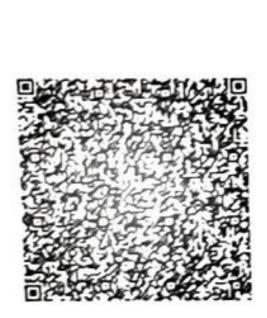
CONSTRUCTION MANAGEMENT TRAINING INSTITUTE

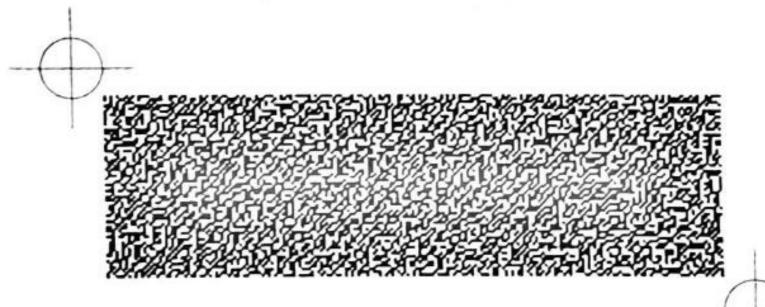
Stamp Duty Amount(Rs.)

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(Twenty only)









This Memorandum of Understanding (herein after called as MOU), agreement will be made from 07.04.2021 to 06.04.2026 between

The Oxford College of Engineering, 10th Milestone, Bommanahalli, Hosur Road, Bangalore, Karnataka 560 068, herein referred to as FIRST PARTY

AND

Construction Management Training Institute, # 177/1, 7th B Main Road, About Menaka Cards Near NMKRV Women's College, 3rd Block, Jayanagar, Bengaluru – 560 011, herein referred to as SECOND PARTY

Statutory Alert:

1 The authenticity of this Stamp certificate should be verified at 'www.shoilestamp.com' or using e-Stamp Mobile App of Stock Holding.

Any discrepancy in the details on this Certificate and as available on the website / Mobile App renders it invalid

2 The onus of checking the legitimacy is on the users of the certificate

Now this agreement witness as follows;

- 1. The First Party is The Oxford College of Engineering, Bengaluru which is a higher education technical institute, approved by AICTE, affiliated to Vishweshwaryya Technology University, Belagavi, to conduct the technical programs at the college site of <a href="http://www.theoxford.edu/engineering/">http://www.theoxford.edu/engineering/</a>
- 2. The Second Party is Construction Management Training Institute situated at Jayanagar, Bengaluru 560011, is into providing employment based value added certified courses for Civil Engineers & Construction professionals for more details <a href="https://www.cmti.co.in/">https://www.cmti.co.in/</a>
- 3. Both the parties have the common interest of training the students and making them industry ready by the time they come out of the institution. Both the parties believe that close cooperation between the two would be of major benefit to the student community to enhance their skills and knowledge.
- 4. The First Party shall be providing the infrastructure and other facilities to conduct online trainings seminars, workshops, offline training programs, Practical Trainings
- 5. The Second Party shall provide assistance in organizing field visits, training the students in various fields, Internships, student projects and any other related programs related to Placements assistance. Second party intended to support with resources from Industries and project works guidance and education on Green Buildings.
- 6. The Second Party shall support in conducting technical seminars, workshops and conferences etc., organized by the first party on various topics related to industry requirements.
- 7. The Second Party shall be assisting the students for the placements / Internships / Projects /Entrepreneurship skills
- 8. The Second Party shall help the First Party to develop the consultancy in the department of civil engineering.
- 9. This agreement shall come into effect from 07.04.2021
- 10. The duration of this MOU shall be for period of 5 (FIVE) years from the date of effect, i.e., from 07.04.2021 to 06.04.2026 If not renewed or amended in writing the same shall be considered as expired or terminated.
- 11. Any alteration, addition or modification in this MOU shall be in writing and signed by both the parties.



5.G.

- 12. Any notice, request or other communication required or permitted to be given or made under this agreement to First Party or Second Party, shall be in writing. Such notice or request shall have been given or made when it shall have been delivered by hand, mail with a copy by facsimile to the party to which it is addressed at such party's address specified below or at such other address as such party shall have designed by notice to the party for giving such notice or making such request.
- 13. The parties hereto acting themselves or through representatives duly authorized, have caused this agreement to be signed in their respective names as of the day &year written above.

# **AUTHORISED SIGNATORIES**

Dr. N. Kannan

Principal

The Oxford College of Engineering

Bengaluru-560 068.

Er.S G Ashok Kumar

Founder & CEO

Construction Management Training Institute,

Jayanagar 3rd Block,

Bengaluru - 560011

J- \_\_ll

Dr.Amarnath.K

DIRECTOR,

THE OXFORD INSTITUTIONS

**BANGALORE** 

Department of Civil Progineering

Dr. Malleshaigh T.S. M. E. Ph. Progineering

Professor & Head of the Denartment

The Oxford College of Engineering

BANGALORE - 560068





#### THE OXFORD COLLEGE OF ENGINEERING

10<sup>TH</sup> Milestone, Hosur Rd, Bommanahalli, Bengaluru, Karnataka 560068 (approved by AICET New Delhi, Accredited by NBA, New Delhi, Affiliated to VTU

#### **SEMINAR ON**

# "ENTERPRENEURSHIP AND STARTUP OPPORTUNITIES FOR CIVIL ENGINEERS"



## Children's Education Society THE OXFORD COLLEGE OF ENGINEERING

Recognized by the Govt. of Karnataka, Affiliated to Visvesvaraya Technological University, Belagavi & Approved by A.I.C.T.E. New Delhi, Accredited by NBA New Delhi and Recognized by UGC



Hosur Road Bommanahalli, Bangalore - 560068

#### **Department of Civil Engineering**

In Association with IIC

#### Organizing a Seminar on

"Enterpreneurship and startup Opportunities for Civil Engineers"

Chief Patron
Sri S.N.V.L Narasimha Raju
President
The Oxford Educational
Institutions



Date 06/12/2022 Time 11:00AM - 12:00 PM

Dr. Malleshaiah T.S HOD - CE The Oxford College of Engineering

Founder CMTI & PES
Bangalore

Dr N. Kannan
Principal & President IIC
The Oxford College of
Engineering

Dr P. Bindhu Madhavi IIC Convener The Oxford College of Engineering Prof. Amrutha M IIC Member - CE The Oxford College of Engineering





#### **Objectives of the Workshop**

- 1. Being an effective leader Setting a good example & developing a positive organizational culture
- 2. Developing a positive organizational culture Building a team/organization Creating an efficient organizational structure

The Oxford College Of Engineering, Bengaluru – Institutions Innovation Council in association with Department of Civil Engineering a seminar titled "Enterpreneurship and startup opportunities for civil engineers" by Er Ashok kumar, on 06<sup>rd</sup> Dec 2022 from 11:00 AM -12 PM in online mode

He is a certified Indian green Building council Accredited professional, certified project management professional - PMI USA, member of advisory board IGBC- Education , core convener IGBC Bengaluru chapter student and institution, corporate trainer for Larsen & toubro, He started carrier as junior Engineer, having 25 years construction field experience in various projects of industrial, highway, Airport and residential urban developments , construction manager for development of airfield rigid pavement in hyderabad international airport , planning manager for Ahmadabad viragham highway project, zonal head for residential project (Artha real estate corporation), general manager for urban development projects, placed 2000+ civil engineers across India

The resource person explained following things:

To be a successful entrepreneur, you must have great and innovative ideas. Building a team/organization, Creating an efficient organizational structure & Being an effective leader with setting a good example, All the other factors that influence success are nothing without a ideas. The speaker has also explained with examples how to become a successful entrepreneur with creative ideas and determination. He has encouraged the students to think big and to try without giving up and how to demonstrate global entrepreneurship activity with fastest growing share of India and also explained different types of entrepreneurship.

#### **Outcome of the Workshop**

- To understand the basics of Entrepreneurship and its Importance in modern society
- > Skill set required to become an entrepreneur and how to convert simple idea into an innovation.
- ➤ Key performance indicator of a graduate likely to become an entrepreneur.
- An entity shall be considered as a Startup:
- > If it is incorporated as a private limited company or registered as a partnership firm or a limited liability partnership in India.
- Not older than ten years from the date of its incorporation/registration.
- ➤ Its turnover for any of the financial years since incorporation/registration has not exceeded higher amount of value

#### **Speaker Details:**

Er Ashok kumar Founder & CEO Center management training Institute Bangalore

#### **Link for Registration for Seminar:**

https://forms.gle/jkQ6fK4haAaECSQR8

#### **Session Link:**

https://tinyurl.com/33z3f4rm

Number of Participants: 53

#### Workshop attendance:

SL NO	Full Name	User Action	Timestamp
1	AMRUTHA M	Joined	12/6/2022, 12:21:55 PM
2	Prakash	Joined before	12/6/2022, 12:21:55 PM
3	Faizan Ahmad Mir	Joined before	12/6/2022, 12:21:55 PM
4	Mehdi Ali	Joined before	12/6/2022, 12:21:55 PM
5	Mehdi Ali	Left	12/6/2022, 12:22:06 PM
6	Nanditha U	Joined before	12/6/2022, 12:21:55 PM

7	Nanditha U	Left	12/6/2022, 12:22:06 PM
8	CIVILHOD	Joined before	12/6/2022, 12:21:55 PM
9	CIVILHOD	Left	12/6/2022, 12:22:06 PM
10	Hari Prasad R K	Joined before	12/6/2022, 12:21:55 PM
11	PRAJWAL	Joined before	12/6/2022, 12:21:55 PM
12	PRAJWAL	Left	12/6/2022, 12:22:06 PM
13	Gayathri Bala	Joined before	12/6/2022, 12:21:55 PM
14	Harshitha N	Joined before	12/6/2022, 12:21:55 PM
15	Sudeep jt	Joined before	12/6/2022, 12:21:55 PM
16	Deekshith jagthap S	Joined before	12/6/2022, 12:21:55 PM
17	Deekshith jagthap S	Left	12/6/2022, 12:22:06 PM
18	Suraj Singh (Guest)	Joined	12/6/2022, 12:22:06 PM
19	Nagaraj	Joined before	12/6/2022, 12:22:07 PM
20	Mohan	Joined before	12/6/2022, 12:21:56 PM
21	shivanand	Joined before	12/6/2022, 12:22:07 PM
22	prashanth	Joined before	12/6/2022, 12:21:55 PM
23	P Bindhu madhavi	Joined before	12/6/2022, 12:21:55 PM
24	kavya s k	Joined before	12/6/2022, 12:22:07 PM
25	Harshitha N	Joined before	12/6/2022, 12:21:55 PM
26	Aruna S	Joined before	12/6/2022, 12:22:07 PM
27	A YASIR AHAMAD SHAIKH	Joined before	12/6/2022, 12:21:56 PM
28	ADHISH N	Joined before	12/6/2022, 12:22:07 PM
29	AKSH B M	Joined before	12/6/2022, 12:21:55 PM
30	ALBERTSON AKOIJAM	Joined before	12/6/2022, 12:21:55 PM
31	ANAMIKA VINESH	Joined before	12/6/2022, 12:22:07 PM
32	BHAVANA M	Joined before	12/6/2022, 12:21:55 PM
33	MEHDI ALI MEKHRI	Joined before	12/6/2022, 12:21:55 PM
34	MOAAZ AHMED	Joined before	12/6/2022, 12:21:55 PM
35	MOHAMMAD IQBAL LAHERWAL	Joined before	12/6/2022, 12:21:55 PM
36	MUNEEB AHMAD BHAT	Joined before	12/6/2022, 12:22:06 PM
37	NAMRATHA C PRABHU	Joined before	12/6/2022, 12:22:06 PM

38	SHASHANK R	Joined before	12/6/2022, 12:22:07 PM
39	SYED HABEEB PATEL	Joined before	12/6/2022, 12:22:07 PM
40	TAHSANUL HASSAN	Joined before	12/6/2022, 12:21:56 PM
41	VIJAY KUMAR A	Joined before	12/6/2022, 12:22:07 PM
42	YALLALING S	Joined before	12/6/2022, 12:21:55 PM
43	MOHAMMAD MUZAMIL SHEIKH	Joined before	12/6/2022, 12:21:55 PM
44	BHARATH	Joined before	12/6/2022, 12:22:07 PM
45	FAIZAN AHMAD MI	Joined before	12/6/2022, 12:21:55 PM
46	KEERTI	Joined before	12/6/2022, 12:21:55 PM
47	LINGESHWARAN	Joined before	12/6/2022, 12:21:55 PM
48	SURESH	Joined before	12/6/2022, 12:21:55 PM
49	RANJITH	Joined before	12/6/2022, 12:22:07 PM
50	Manoj kumar	Joined before	12/6/2022, 12:21:56 PM
51	Pavan	Joined before	12/6/2022, 12:22:07 PM
52	Saroja M	Joined before	12/6/2022, 12:21:55 PM
53	Arun S	Joined before	12/6/2022, 12:21:55 PM

## Feedback Report

FULL NAME	Student /	Depart ment:	Institutio	Place:		Did the Seminar met your expectation s?	organizatio	Suggestions (if any)
AmruthaM	Faculty	Civil Engin eering	The Oxford College of Enginee ring	Bangalore	Strongly		Excellent	NIL
		Civil	The Oxford college of enginee ring					
Mrs Gayathri Bala	Faculty	Engin eering	Bangalo	Bangalore	Strongly Agree		Very Good	Nil

			Oxford college of					
Mend:	Student	CV	ring The	Hangiors	Strangly Agree	yes	Excellent	No
			oxford cutage					
	2330117		of enginee		Strongly			
RANJITH	Student	CV	ning	Bangalore	Agree	Yes	Excellent	
			The Oxford					
			college					
			of Emma		20100			
Azuna §	Student	CV	ring	Bangalore	Agree	Yes	Excellent	
ALBERTSON					Strongly			
AKODAM		CV	TOCE	Bangalore			Excellent	
			The Oxford					
			college					
			of enginee		Strongly			
Nanditha U	Student	CV	ring	Bengaluru	Agree		Excellent	
			The					
			Oxford College					
			Of Contract		Strongly			
Harshitha N	Faculty	CV	Enginee	Bangalore	Agree	Yes	Excellent	
and the same of			The					
			Oxford					
***********			ni lu					
NAMRATHA C PRABHU	Student	CV	Enginee	Bangalore	Agree	Yes	Excellent	
The second secon	200		11000					

Beach of the HOD count | BC Co Department of Civil Engineering he Oxford College of Engineering Bangalors - 560 863.

IIC Member

HC Providen





# MEMORANDUM OF UNDERSTANDING

#### BETWEEN

## THE OXFORD COLLEGE OF ENGINEERING

#### AND

#### **VISOLUTIONS**

This Agreement made and entered into on this 3rd day of March 2023 between THE OXFORD COLLEGE OF ENGINEERING, Bengaluru- 560068 (hereinaster called "The Oxford College of Engineering") and V I SOLUTIONS (hereinafter called " V I Solutions" which expression shall include its successors and permitted assignees) with its registered office at Bengaluru.

#### 1. OBJECTIVES OF THE MOU

The objective of this Memorandum of Understanding is:

- a. to promote interaction between THE OXFORD COLLEGE OF ENGINEERING and VI Solutions in mutually beneficial areas.
- b. to provide a formal basis for initiating interaction between THE OXFORD COLLEGE OF **ENGINEERING** and VI Solutions.

#### 2. PROPOSED MODES OF COLLABORATION

THE OXFORD COLLEGE OF ENGINEERING and V I SOLUTIONS propose to collaborate through

- Supporting R&D projects, which may be carried out wholly at THE OXFORD COLLEGE OF ENGINEERING.
- b. Any other appropriate mode of interaction agreed upon between THE OXFORD COLLEGE OF ENGINEERING and V I SOLUTIONS.

#### FORMS OF RESEARCH AND DEVELOPMENT PROGRAMS

The form of any of the said Research and Development Program (hereinafter referred to as "Research Program") will be subject to a separate Research Agreement entered into by the Parties but may also include the following:

- a. In their own existing facilities The performance of research individually by each Party or concurrently by both Parties in mixed groups at their own facilities with regular exchanges of results.
- b. In a separate research and development facility The performance of research by the technical personnel of both Parties working together in the facilities of one Party or in mixed groups at the facilities supported/sponsored by either Party.
- c. Third parties The performance of research by the Parties together with one or more third parties.

#### 4. TECHNICAL AREAS OF COLLABORATION

The principal technical areas of collaboration between THE OXFORD COLLEGE OF ENGINEERING and V I SOLUTIONS will be as Internet of Things - IIoT, Machine Learning, Artificial Intelligence, Embedded System Design.





#### 5. AGREEMENTS FOR RESEARCH COLLABORATION

Research undertaken by the THE OXFORD COLLEGE OF ENGINEERING, the treatment of intellectual property and data rights, including patents, industrial design registration, copyrights and all other proprietary information (including innovations not patented, designs not registered etc.) will be remains to the original inventors and in the college name.

#### 6. CONFIDENTIALITY

- a. During and for a period of one year from the date of disclosure, each party agrees to consider as confidential all information disclosed by the other party in written or tangible form or, if orally disclosed confirmed in writing within thirty days of disclosure and identified as confidential by the disclosing party.
- b. The obligations above shall not extend to any confidential information for which the receiving party can prove that this information:
  - is in the public domain at the time of disclosure or comes within the public domain without fault of the receiving party.
  - is already known or become known to the receiving party
  - · is received from a third party having no obligations of confidentiality to the disclosing party,
  - is independently developed by the receiving party; or
  - is required to be disclosed by law or court order.

#### 7. NON-EXCLUSIVITY

The relationship of the parties under this MOU shall be nonexclusive and both parties, including their affiliates, subsidiaries and divisions, are free to pursue other agreements or collaborations of any kind. However, when entering into a particular research agreement, the participants may agree to limit each party's right to collaborate with others on that subject.

#### 8. TERMS AND TERMINATION

This MOU, unless extended by mutual written agreement of the parties, shall expire 1 year after the effective date specified in the opening paragraph. This MOU may be amended or terminated earlier by mutual written agreement of the parties at any time. Either party shall have the right to unilaterally terminate this MOU upon 60 days prior written notice to the other party. However, no such early termination of this MOU, whether mutual or unilateral, shall affect the obligations of the participants under any Research Agreement, Confidentiality clause as referenced in clause 6 above, or any other agreement entered into pursuant to this MOU, which obligations shall survive any such termination.

#### 9. RELATIONSHIP

Nothing in this MOU shall be construed to make either party a partner, an agent or legal representative of the other for any purpose.

- (a) Hands-on-Workshop / SDP: VI Solutions will organize at least one hands-on-workshop on latest technologies like Industrial Internet of Things IIoT, Machine Learning, Artificial Intelligence, Embedded System Design etc., for students as agreed terms and conditions every year. The College will provide the infrastructure facility for conducting such workshop in the campus. VI Solutions will provide certificates for the participants for workshops authorized by National Instruments.
- (b) FDP: VI Solutions will organize at least one Faculty Development Program on latest technologies like Industrial Internet of Things IIoT, Machine Learning, Artificial Intelligence, Embedded System Design etc., as agreed terms and conditions every year. The College will provide the infrastructure facility for





V I SOLUTIONS, BENGALURU

GALU

conducting such workshop in the campus. VI Solutions will provide certificates for the participants for workshops authorized by National Instruments.

- (c) Internship: VI Solutions will short list candidates for internships after workshop based on their performance and willingness.
- (d) Workshops/Events: If the College wishes to organize a national event in the area of IoT, Machine Learning, Artificial Intelligence, Signal processing & Image Processing, VI Solutions will provide speakers.

## 10. ASSIGNMENT

It is understood by the Parties herein this MOU is based on the professional competence and expertise of each party and hence neither Party shall transfer or assign this Agreement, or rights or obligations arising hereunder, either wholly or in part, to any third party.

## 11. SIGNED IN DUPLICATE

By

This MOU is executed in duplicate with each copy being an official version of the Agreement and having equal legal validity.

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 and year first above written.

On behalf of

THE OXFORD COLLEGE OF ENGINEERING, BENGALURU

Prof. & HOD

Department of Mechatronics

The Oxford College Of Engineering

Name : Dr Manjula (Bommanahalli, Bangalore - 560 068) Name

Title : Assoc.Prof & Head - Dept. of Mechatronics Title : Managing Director

Date : 03/03/1013 Date : 03-03-2023

Witness: Witness:

1.

2.

# Children's Education Society (Regd.) 1st Phase, J. P. Nagar, Bangalore - 560 078.

# THE OXFORD COLLEGE OF ENGINEERING DD / CHEQUE / CASH PAYMENT VOUCHER

01/08/23

	Date :
PAID TO M/s. VI SOLUTIONS  a sum of Rupees Ten Thousand Only.	
on account of Payment of Inv. No  payment for Workshop (Labriew)  Rs. 10,000/—	_ dten.f
Passed for Payment Rs	X 5 18 123

Chairman / Executive Director / Principal

From

Dr.Manjula C, Associate Prof. & HOD, Mechatronics Engineering, TOCE, Bangalore.

To

The Principal, TOCE, Bangalore.

Respected Sir,

Subject: Permission to collect the amount of Rs.10,000/- from the allocated budget for the conduction of 2-Days Workshop on "Graphical Programming in LabVIEW".

With reference to the above, Department of Mechatronics Engineering is conducting the Workshop on "Graphical Programming in LabVIEW" for 2 days on 31/7/2023 & 1/8/2023. The Resource Person is Mr. Satyanarayana R, Senior Application Engineer, VI Solutions, Bangalore.

I kindly request you to grant permission to sanction the amount of Rs.10,000/- from the budget allocated to Mechatronics Department to pay for the Resource Person for the conduction of 2 days workshop.

The Budget is spent in the following Format,

1. Payment to the Resource Person: Rs 10,000/- [Rs. 5,000/- per day]

Payment Details:

	Name	Sunil Kumar V
Bank		HDFC Bank
Branch		Millers Road/Cunningham Road
Account No		12081000035637
IFSC		HDFC0001208
Cheque/DD	drawn	VI Solutions
in favor of		

Thanking You,

**Yours Sincerely** 

(Dr.Manjula C)
HOD/MTE





Children's Education Society®

(Approved by AICTE, New Delhi, Accredited by NAAC 'A' GRADE & Affiliated to THE OXFORD COLLEGE OF ENGINEERING, BANGALORE -560 068

VTU, Belagavi-590 018)





INSTITUTION'S INNOVATION



# **ORGANIZING WORKSHOP ON**

Sri S.N.V.L Narasimha Raju Chief Patron President

The Oxford Educational Institutions

Patron

Dr. N. Kannan

Principal & President IIC The Oxford College of Engineering

Graphical Programming in LabVIEW

Senior Application Engineer Mr.Satyanarayana R Resource Person VI SOLUTIONS **BANGALORE** 

MCA LAB ROOM NO. 601 10:00 AM ONWARDS 31/7/2023 & 1/8/2023 Date & Venue

Dr. Manjula C Convener

Department of Mechatronics Associate Professor & HOD Engineering

Faculty Coordinator Mr.Jaideep R

Department of Mechatronics Asst.Professor Engineering



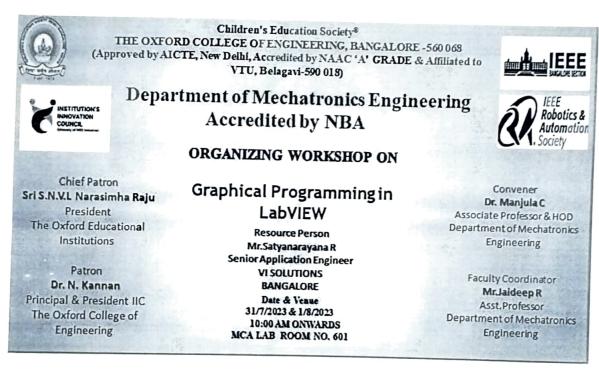
# Children's Education Society ® THE OXFORD COLLEGE OF ENGINEERING

Hosur Road, Bommanahalli, Bengaluru-560 068

Website:www.theoxford.edu (Approved by AICTE, New Delhi, Accredited by NBA, NAAC 'A' Grade & Affiliated to VTU, Belgaum)

# DEPARTMENT OF MECHATRONICS ENGINEERING

2 Days Workshop on "Graphical Programming In LabVIEW"



Department of **Mechatronics Engineering,** The Oxford college of Engineering, Bangalore, organized 2 Days workshop on "**Graphical Programming in LabVIEW**" on 31/7/2023 & 1/8/2023. The Resource Person is Mr. Satyanarayana R, Senior Application Engineer, VI Solutions, Bangalore.

Mr. Satyanarayana R is a tireless personal with goal oriented master planner and a best strategic decisions maker. He gave an overview of industrial application of LabVIEW. The importance of LabVIEW was explained along with the placement requirements. Theory was explained in detail and hands on session along with Interfacing Programs helped to understand the concepts.

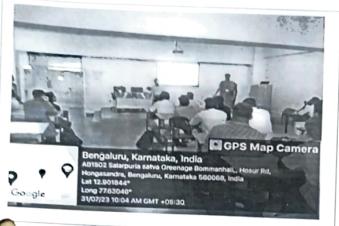
#### Objective:

- LabVIEW is essentially a graphical programming language, instead of using program statements like with C++, Python, or other text-based languages, you place and connect visual objects around your screen.
- It has a user-friendly drag and drop kind of interactive User Interface.
- Built-in Functions: It supports thousands of inbuilt functions that range from analysis and I/O etc.
- Scalable: As LabVIEW has a modular design making it easy to scale and modular programs.
- A lot of Startups are actually using this software to build complex systems as it reduces the amount of development effort in total.
- It is used in Automated Product design validation of a component/sub-system/system, Control and/or monitoring of a machine/piece of industrial equipment/process.
- Also, the use of LabVIEW software is predominant in the areas where hardware products are built based on embedded programming languages.

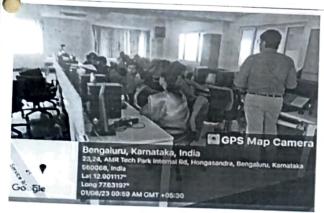
#### Schedule of the workshop

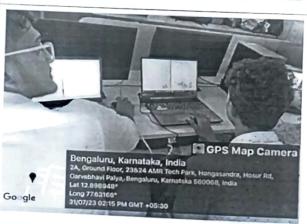
DATE	TIME	TOPICS
	10:00AM -	WELCOME SPEECH
	11:00AM	INTRODUCTION TO LabVIEW
31/7/2023	11:00 AM -	BASICS OF ELECTRONICS ENGINEERING
31/1/2023	1:00PM	EXPLANATION OF LabVIEW.
	2:00 PM –	HANDS ON SESSION
	4:15PM	
1/8/2023	10:00 AM-	<ul> <li>INTRODUCTION TO ARRAYS, BOOLEAN</li> </ul>
	1:30 PM	FUNCTIONS & DAC
		<ul> <li>BASIC PROGRAMMING USING ARRAYS ,</li> </ul>
		BOOLEAN FUNCTIONS.
	2:00 PM - 4:15	HANDS ON SESSION USING DAC
	PM	INTERFACE

#### **Photos**













# Outcome of the Workshop

- Basic theory of LabVIEW was understood.
- Industrial application of LabVIEW was explained in detail.
- Placement opportunities in the field of LabVIEW was discussed.
- Interfacing of Hardware modules helped to understand the concepts of LabVIEW applications.
- Hands on session on DAC interface gave the practical knowledge of LabVIEW

# Total number of faculties attended are 5.

Dr.Manjula C

Dr.Madhura S

Ms.Seema V

Mr.Jaideep R

Ms.Annu Kumari

#### Video link

 $\frac{https://drive.google.com/file/d/1Bjn7gUYqPyAUeeDaud6w11tVv2eCmJba/view?usp=sharing}{ng}$ 

https://drive.google.com/file/d/1hDygJ-GcvoE0VapZ2w9uFCioq3XXQ50Y/view?usp=sharing

#### Participants:

## 2ND YEAR / 4TH SEM 2022-2023

SL NO	USN	NAME OF THE STUDENT
1	1OX21MT001	ACHYUTHA S S
2	1OX21MT002	AMIN FARAZ AHMED
3	1OX21MT003	ANIRUDDH PRATAP SINGH
4	1OX21MT004	ESHU H R
5	1OX21MT005	G K MAANAS
6	1OX21MT006	HARIPRIYA KULKARNI
7	1OX21MT007	JANARDHAN Y V
8	1OX21MT008	MADHU CHANDAN K CHARI
9	1OX21MT009	SATWIK BHATTACHARJEE

10	1OX21MT010	SRIKANTH R
11	LOX22MT400	AKSHAY KRIT K
1.2	TOX22MT401	GOUTAM D
13	TOX22MT402	HEMANTH C
14	1OX22MT403	LIKITH N
1.5	TOX22MT404	PRANAV M
16	1OX22MT405	ROHITH N
17	1OX22MT406	SAM S
1.8	1OX22MT407	SHAIK SULTHAN A

#### Sample certificate





Children's Esbacation Society THE OXFORD COLLEGE OF INGINIZERING, BENGALURU

(Appresend by ASCTE, New Delbi, Accredited by NAAC 'A'GRADE NEA & Affiliated to VTU, Belagani-590 018)

This is to certify that AMIN FARAZ has Participated in 2 Days Workshop On 'Graphical Programming in LabVIEW' Organized By Department of Mechatronics Engineering in Collaboration with VI SOLUTIONS On \$1/7/2023 & 1/8/2023.



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OU N. KANDRAGE PROTECTOR 40



Prof. & HOD

Department of Mechatronics The Oxford Callege Of Enginee-Boomisophalli, Bargalore Sa

PRINCIPAL

PRINCIPAL

Oxford College geneeting mmanahalii Hosur Road Bengaluru 560 068





# DEPARTMENT OF MECHATRONICS ENGINEERING

(Recognized by the Govt. of Karnataka, Affiliated to Visvesvaraya Technological University, Belagavi & Approved by A.I.C.T.E. New Delhi, Accredited by NBA, NAAC 'A' Grade and Recognized by UGC under section 2(f))

Bommanahalli, Hosur Road, Bengaluru –560068.

©: 080 -30219601/602/604/736, Fax: 080 - 25730551/ 30219629 E-mail: engprincipal@theoxford.edu Web: www.thcoxford.edu

#### IMPACT ANALYSIS of

Workshop on "Graphical Programming in LabVIEW" 31/07/2023 to 01/08/2023

## **WORKSHOP ORGANISED - ACADEMIC YEAR 2023-24**

Sl. No	Topic	GAP addressed
		*
		•
1	Graphical Programming in LabVIEW	Industrial Applications of
		LabVIEW Software

Sl. No	Topic	PO/PSO Mapping
		PO 1,2,5,12
1	Usage of LabVIEW Software in Virtual Instrumentation Lab	PSO 1,2





#### DEPARTMENT OF MECHATRONICS ENGINEERING

(Recognized by the Govt. of Karnataka, Affiliated to Visvesvaraya Technological University, Belagavi & Approved by ATCTE. New Delhi, Accredited by NBA, NAAC 'A' Grade and Recognized by UGC under section 2(f))

Bommanahalli, Hosur Road, Bengaluru –560068.

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#### Report on Impact of the Workshop

The Objective of the Workshop is to make students aware about
1. LabVIEW is essentially a graphical programming language
2. LabVIEW has a modular design, making it easy to scale and modular programs.
3. LabVIEW software is used to build complex systems as it reduces the amount of development effort.
4. It is used in Automated Product design validation of a component/sub-system/system
5. LabVIEW software is predominant in the areas where hardware products are built based on embedded programming languages
The Students were able to
1) Understand the Industrial application of LabVIEW Software
2) Practical Knowledge on Interfacing of Hardware Modules
3) Designing of hardware products using Graphical Programming Language
Fourth Semester students of Mechatronics Engineering
Mr.Satyanarayan, VI Solutions Bangalore.
1.Understand the fundamentals of complex engineering problems.
2. Knowledge to Analyze and Solve Complex Engineering Problems in Graphical method
3. Knowledge on usage of Modern tool usage like LabVIEW Software
4. Ability to engage in Life long learning according to technological change



#### VI SOLUTIONS

#22, 2<sup>nd</sup> Floor, AKAI Plaza, D Rajagopal Road, Sanjay Nagar Bangalore - 560 094

Tel: 080 - 4094 8484

#### **PROFORMA INVOICE**

ORIGINAL BUYER'S COPY

Date: AUG 01, 2023

Purchase Order Number: - NA

PROFORMA INVOICE # - PI/23-24/708

PAN# AFZPV6042H

INVOICE TO:		SHIP TO:	
Name	Oxford College of Engineering	Name	Oxford College of Engineering
GSTIN#	-	GSTIN#	-
Contact Person	Principal	Contact Person	Principal
Number	+91-99643 13495	Number	+91-99643 13495
Address	Oxford College of Engineering 10 <sup>th</sup> Milestone, Hosur Rd, Bommanahalli, Bengaluru, Karnataka, 560 068	Address	Oxford College of Engineering 10 <sup>th</sup> Milestone, Hosur Rd, Bommanahalli, Bengaluru, Karnataka, 560 068

#### (All Prices in Indian Rupees)

SN	DESCRIPTION	#DAYS	UNIT PRICE	LINE TOTAL
01	NI LabVIEW Software and Hardware Training Program	02	8,000.00	16,000.00
			SUB TOTAL	16,000.00
DISCOUNT			6,000.00	
			TOTAL	10,000.00

#### Amount in Words:

Rupees Ten Thousand Only (Rounded Off).

(1/8/2023



#### Account details for Online Payment:

Name: Sunil Kumar V.

BANK HOFC

BRANCH MILLERS ROAD/CUNNINGHAM ROAD

A/C # 12081000035637

RTGS/NEFT /IFSC HDFC0001208

if payment mode is cheque/DD, to be drawn in favor of "VI Solutions" payable at thangalore





# RESEARCH INTERNATIONAL

# MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MOU) is entered on 21st January, 2022

By & Between

Resarch International, #2, 1st Floor, G S Palya Road, Koanappana Agrahara, E-City Post,
Bangalore-560100

and

MBA Department, The Oxford College of Engineering, 10<sup>th</sup> Milestone, Bommanahalli, Hosur Road, Bengaluru-560 068

This Memorandum of Understanding (MOU) sets for the terms and understanding between Resarch International, #2, 1<sup>st</sup> Floor, G S Palya Road, anappana Agrahara, E-City Post, Bangalore-560100

and

MBA Department, The Oxford College of Engineering, 10<sup>th</sup> Milestone, Bommanahalli, Hosur Road, Bengaluru-560 068

#### Purpose:

This MOU aims to develop strategic association and explore long term collaboration opportunities between both parties to

- Support development of employability enhancing skills and traits that lead to overall success of students, teachers and their institution.
- Promote a global mindset through hands-on experiences and exposure to best practices from the best institutions in the world.
- Create development opportunities for students and faculty through programmes, Guest lectures, seminars, conferences, visits, events, study trips. The above goals will be accomplished by undertaking the following activities. Any financial consideration or expenses relating to any of the activities will be agreed separately agreed between both parties through a written notification. Co-organise and host events, conferences,

# 2, First Floor, G.S. Palya Road, Konappana Agrahara, E-City Post, Bangalore - 560 100

seminars and Guest lectures that may include nominating experts/visits by executive speakers, experts, faculty and students.

 Anything else not mentioned here but agreed between both parties through a written notification from either party

What does this MOU not provide unless agreed between both parties through a written notification from either party

- Any form of financial commitment in the form of payments, discounts, vouchers etc
- Assignment of any IPRs, patents, etc
- All financial arrangements to be agreed separately agreed between both parties through a written notification.

#### Lapse of MOU

 This MOU will lapse if there is no activity or engagement between both the parties for a continuous period of 36 months from the start of the agreement date and each anniversary thereon.

#### Duration

Three years from the date of signing and shall be renewed for every year. This MOU is atwill and may be modified by both parties through a written notification from authorised
officials from each party. This MOU shall become effective upon signature by the authorised
officials and will remain in effect until modified or terminated by any one of the
partiesthrough a written notification or the end of term of the MOU is reached.

#### **Authorised Signatories:**

. Resarch International, #2, 1<sup>st</sup> Floor, G S Palya Road, Konanappana Agrahara, E-City Post, Bangalore-560100, Ph: 8792451077

Ms. Shivani Tanya, Director

#### Department of MBA

The Oxford College of Engineering, 10<sup>th</sup> Milestone, Bommanahalli, Hosur Road, Bengaluru-560 068 Dr. K Tharaka Rami Reddy

HOD-MBA, Email: hodmcatoce@theoxford.edu

Telephone:9741633223

Through these contact persons, either party may initiate proposals for activities under this agreement. Specific details will be set forth in a letter of agreement which will form part of this general arrangement following signature by the appropriate authorities of both parties.

A letter of agreement will include such items as:

- Elaboration of the responsibilities of each institution for the agreed upon activity.
   Scheduled for specific activity
- 2. Any other terms deemed necessary for the efficient management of the activity.

Signatures of concerning officials

For Research International

Proprietor 2

Name: Ms. Shivani Tanya

Organization: Combined Institute of Technology

Designation: Director

Name: Dr. K Tharaka Rami Reddy

**HOD-MBA** 

Organization: The Oxford College of Engineering

HOD, Deptt. of Business Administration
The Oxford College of Engineering
Bommanahalh, Hosur Road
Bangalore 560 068

Date: 21 - January - 2022

Date: 21-01 - 2022

# Department of Business Administration THE OXFORD COLLEGE OF ENGINEERING



Hosur Road, Bommanahalli, Bengaluru-560 068

25Website: www.theoxford.eduEmail: engprincipal@theoxford.edu

(Approved by AICTE, New Delhi, Accredited by NBA, New Delhi & Affiliated to VTU, Belgaum)

25-06-2023

#### **CIRCULAR**

Dear MBA students, there will be a Guest Lecture on "Angel Investment /VC Funding Opportunity for Early Stage Entrepreneurs – Indian Financial System" organizing by RESEARCH INTERNATIONAL, BANGALORE in association with department of MBA. The details are as follows:

Date: 01-07-2023

Venue: Seminar hall, 6th floor, The Oxford College of Engineering

Resource Person: KRITIKA A RAJAN, Dy. Manager, ICICI BANK form RESEARCH

INTERNATIONAL, BANGALORE

All are informed to participate.

(10D, Deptt. of Business Administration The Oxford College of Engineering

Bommanahalli, Hosur Road Bangalore 560 068

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### **GUEST LECTURE**

#### On

#### ANGEL INVESTMENT /VC FUNDING OPPORTUNITY FOR EARLY STAGE

#### ENTREPRENEURS – INDIAN FINANCIAL SYSTEM

Organizing by RESEARCH INTERNATIONAL, BANGALORE

Date- 01-07-2023 Venue: MBA Department, The Oxford College of Engineering

#### List of Students Participated in

Sl. No	USNo	Name of Student
1	1OX21BA001	ABHISHEK SINGH
2	1OX21BA002	AHAMED FIROZ M P
3	1OX21BA003	ANUSHREE
4	1OX21BA004	ASHOKA P T
5	1OX21BA005	BHARATI
6	1OX21BA006	BHUVANA
8	1OX21BA008	CHANDANA D S
9	1OX21BA009	DEEKSHA MP
10	1OX21BA010	DEEPIKA K S
11	1OX21BA011	DHANISH SAMCEER
12	1OX21BA012	DIVYA RASHMI PRADHAN
13	1OX21BA013	FIRDOSE FATHIMA
14	1OX21BA014	GANGADHARA M S
15	1OX21BA015	GOWTHAMI G
16	1OX21BA016	HARSHITHA
17	1OX21BA017	HEMANTH G K
18	1OX21BA018	HEMANTH KUMAR S
19	1OX21BA019	HOSANGADI AISHWARYA
20	1OX21BA020	PRAMOD KUMAR K B
21	1OX21BA021	K S PAVAN KUMAR
22	1OX21BA022	K YUKTHA SHRI
23	1OX21BA023	KARTHIK N
24	1OX21BA024	KIRAN KUMAR A
25	1OX21BA025	KRUTHIKA M
26	1OX21BA026	LITHIN

27	10X21BA027	MANIKANTA
28	1OX21BA027	M RAGHAVENDRA
29	1OX21BA029	MANJUNATHA B
30	1OX21BA030	MANJUNATHA P N
32	1OX21BA032	MANOJ KUMAR
33	1OX21BA033	MANOJ N M
34	1OX21BA034	MANOJ S
35	1OX21BA035	MANZOOR AHAMED KHAN
36	10X21BA036	MEGHARAJ
37	1OX21BA037	MOIN PASHA
38	1OX21BA038	MOUNIKA K R
39	1OX21BA039	NAVNIT ANAND
40	1OX21BA040	NIHARIKA
41	1OX21BA041	NIRANJAN
42	1OX21BA042	NIVEDITHA
43	1OX21BA043	PAYAL M
44	1OX21BA044	POORNIMA N K
45	1OX21BA045	PRAKRUTHI
46	1OX21BA046	PRARTHANA V
47	1OX21BA047	PRAVEEN
48	1OX21BA048	PREETHAM
49	1OX21BA049	RACHANA SHREE
50	1OX21BA050	RAKSHITHA M C
51	1OX21BA051	RAMYA
52	1OX21BA052	RAVI TEJA V C
53	1OX21BA053	RITESH KUMAR SINGH
55	1OX21BA055	SACHIN KUMAR
56	1OX21BA056	SAGAR
57	1OX21BA057	SAIMA ZAINAB KHAN
58	1OX21BA058	SAMIKSHAA R
59	1OX21BA059	SASI KUMAR
60	1OX21BA060	SATHISH
61	1OX21BA062	SHAISTHA TAJ
62	1OX21BA063	SHALINI N
63	1OX21BA064	SHILPA
64	1OX21BA065	SHIVANAND
65	1OX21BA066	SHRI HARI
66	1OX21BA067	SHRUTI MARIYAPPA GUNDUPKAR
67	1OX21BA068	SOWJANYA M
68	1OX21BA069	SREE LAKSHMI C V
69	1OX21BA070	SUDARSHAN

70	1OX21BA071	SUMITH S
71	1OX21BA072	SUPRITHA D
72	1OX21BA073	SUPRITHA S K
73	1OX21BA074	SUPRIYA
74	1OX21BA076	TAHEER AHMED
75	1OX21BA077	TOUHEED AHMED
76	1OX21BA078	UMA
77	1OX21BA079	USHA A
78	1OX21BA080	VENU
79	1OX21BA081	VIKAS
80	1OX21BA082	VINAY KUMAR P
81	1OX21BA083	VINOD FRANKLIN
82	1OX21BA084	VINOD RAJ A R
83	1OX21BA085	PAVAN KUMAR
84	1OX21BA086	PAVAN KUMAR S M
85	1OX21BA087	RAJESH KUMAR L K
86	1OX20BA022	K. SWETHA

HOD, Deptt of Business Administration
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bangalore 560 068





#### A REPORT ON

#### **GUEST LECTURE**

#### On

# ANGEL INVESTMENT /VC FUNDING OPPORTUNITY FOR EARLY STAGE ENTREPRENEURS – INDIAN FINANCIAL SYSTEM

Organizing by **RESEARCH INTERNATIONAL, BANGALORE** 

DEPARTMENT OF BUSINESS ADMINISTRATION
THE OXFORD COLLEGE OF ENGINEERING
1st JULY 2023

The Oxford College of Engineering, Bengaluru- Institution Innovation Council in association with the Department of Management Studies organized Session on Angel Investment /VC Funding Opportunity for Early Stage Entrepreneurs – Indian Financial System by Ms. Karithika Rajan, Deputy Manager, ICICI Bank, on "1-7-2023.

#### **Learning objectives**

- 1. Outlining the opportunities for VC funding and angel investment for early-stage entrepreneurs.
- 2. To expose students to different possibilities of obtaining financing for startups
- 3. To expose students to the challenges that entrepreneurs face in the early stage of their entrepreneurship



#### **Learning outcomes**

- 1. The session assisted young executives in understanding how angel investments may finance their concepts.
- 2. Students can learn about all the different aspects of starting a new business.

The speaker discussed the fundamentals of startup fundraising. She began by outlining the stages at which funds is genuinely needed. She used examples of the top businesses from around the world that have achieved success both with and without outside capital to demonstrate her argument. She also discussed the criteria that investors use to decide whether to invest in a project. She spoke on a variety of funding methods, including bootstrapping, applying for government grants, receiving angel investments, and receiving venture funding. She described how angel investors support startups by mentoring them and not only acting as a source of funding. She also discussed how venture capital enables businesses to grow from their current size.

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#### THE OXFORD COLLEGE OF ENGINEERING

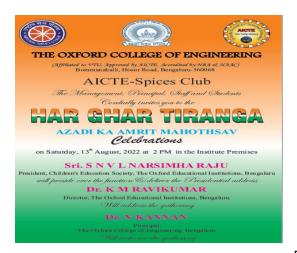
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Website: www.theoxford.edu Email: engprincipal@theoxford.edu

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Date: 13.08.2022

	AZADI KA AMRIT MAHOTSAV –
Name of The Event	HAR GHAR TIRANGA CAMPAIGN
Month of event	13-08-2022
	THE OXFORD COLLEGE OF ENGINEERING,
Venue	BANGALORE
Purpose	To instill the feeling of patriotism in the hearts of people
Organized by	NSS Unit in association with AICTE-SPICES CLUB
	(ABHILASHA)
No. of Participants	150 students and 65 Faculty Members





Banner

As India gears up to celebrate the 75th anniversary of Independence, the central government has kickstarted a campaign called Har Ghar Tiranga to invoke the feeling of patriotism in all citizens. The campaign is part of Azadi ka Amrit Mahotsav.

The Oxford College of Engineering students conducted Har Ghar Tiranga campaign on Saturday, 13<sup>th</sup> August, 2022 to encourage participants to hoist national flag atop their houses as part of Azadi Ka Amrit Mahotsav (AKAM) to commemorate 75 years of Independence. The students conducted

the campaign by carrying a national flag in their hand. They raised slogans like Mera Bharath Mahan and Bharat Mata ki Jai

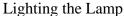
The function began with a brief introduction of AZADI KA AMRIT MAHOTSAV – HAR GHAR TIRANGA CAMPAIGN by Dr. M S Sashidhara, HOD- MCA.

Dr. N Kannan, Principal said that as per the call given by Prime Minister Narendra Modi, Har Ghar Tiranga campaign was conducted. He reminded that PM Modi had announced recently that Har Ghar Tiranga will be held from August 13 to 15. He observed the campaign will infuse patriotism, will event remind our national leaders and also will increase patriotic fervor among students.

Dr. K M Ravikumar, Director said that the campaign is meant to remember our freedom fighters, known and unknown and pay tributes to them. He appealed to the people to hoist the national flag atop their houses, shops and industries between August 13 to 15 as a part of AKAM celebrations. Before the campaign, the students have participated in Quiz competitions, Essay Writing and Singing competitions conducted by NSS unit, The Oxford College of Engineering in association with AICTE-SPICES CLUB (ABHILASHA).

HODs, Faculty members of all departments, Non-Teaching staff and students of all branches were participated on the occasion.







Address by Dr. N Kannan, Principal, TOCE

After distribution of prizes to the winners, who participated in Quiz competitions, Essay Writing and Singing competetions, National Flags were distributed to all followed by HAR GHAR TIRANGA March-Past around the campus.



Flag Distribution



Har Ghar Tiranga March-Past



Har Ghar Tiranga March-Past



Har Ghar Tiranga March-Past



**PRINCIPAL** 

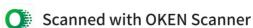




# Memorandum of Understanding Between Veterans India And The Oxford College of Engineering DEPARTMENT OF MCA

Date: 12/06/2023









This **MEMORANDUM OF UNDERSTANDING** ("MOU") is entered on 12-06-2023 between:**Veterans India** organization registered under Indian Trust Act, 1882 having its registered office at D-253, Madhu Vihar Near, Sector-3, Dwarka, New Delhi-110059. And Corporate Office Plot-C -713 B, First Floor, Sector-7 (Market), Dwarka, New Delhi110077.1ndia, of the FIRST PARTY;

#### AND

# Department of MCA The Oxford College of Engineering, 10<sup>th</sup> Milestone, Bommanahalli, Hosur Road, Bengaluru-560 068

WHEREAS Veterans India is a National apolitical patriotic non-profitable organization of Veterans from all fields led by an Ex-Servicemen (which includes Gallantry Awardees, Martyr's families, Disabled Soldiers, Ex-Servicemen and their families) to inculcate patriotism, nationalism and integrity among citizens of the Nation especially youth and students.

#### (About college / Institute/ University)

**AND WHEREAS** the parties, through professional interactions and collaboration seek to bring patriotism, nationalism and integrity in students of higher education Institutions ( HEIs) of India by merging veterans experience and guidance through higher education activities, both enter into this agreement to establish a strategic partnership in the areas given in more details in the succeeding paragraphs.

#### **Preamble and Objectives**

The objective of this MOU defines standards for the overall development of UG and PG students by bringing a Military touch that enables the youth to grow in all three dimensions (Mansa, Vacha and Karmana).

# Strategic Collaboration (Objectives, Scope & Outcome)

The Veterans India and (Name of College) under this MOU, shall collaborate towards:

- 1. Bringing nationalism and patriotism in higher education Institutions (HEIs)/Universities through activities based on veterans India themes and sharing experiences of Ex-Servicemen.
- 2. Personality development and Strategy building practices within higher education Institutions / Universities by involving local Veterans within higher education Institutions/ University vicinity.







- 3. Targeted preparation for SSB/CDS and other military examinations and
- 4. Modernizing NCC culture in higher education Institutions/ University vicinity by quick adoption model.
- 5. Connecting youth with veterans to make 2nd innings of veterans a better place full of knowledge and joy.
- 6. Adoption of Must Train method [Strategy and Tactics] for self-defense and national security.
- 7. Working together for the welfare of Gallantry Awardees, Martyr's families, Disabled Soldiers, Ex-Servicemen and their families.
- 8. Weekly/Monthly Activities to bring veterans from India and retired Military personnel into Induction level programs in higher Institutions/Universities.
- 9. Monetary Compensation to Veterans for sessions they attend as speakers or expert to share their experience post-retirement.
- 10. All Sports/ physical fitness activities are to be conducted in collaboration with the Veterans India Youth Wing to meet the objective of the FIT India movement launched by the Honourable Prime Minister.
- 11. The college / Institute/ University shall provide premises in their campus free of cost and available manpower to Veterans India for patriotic activities as and when required besides above mention activities.
- 12. Facilitation of appropriate internship opportunities to the students in all applicable aspects of the organization including management and technology sectors in their Wings.

#### **Definitive Agreement**

Any cost associated with the execution of the objectives of this MOU, if any, shall be mutually discussed and agreed to between the parties in a definitive agreement, before carrying out the activity.







#### **Tenure and Termination**

This MOU is valid for five (5) years initially and will be deemed renewed for three years unless terminated otherwise.

This MOU shall commence as set forth above and remain in effect through the end of the term unless:

- a. Otherwise superseded by another agreement between the parties.
- b. The parties mutually agree to terminate this MOU.
- c. Either party gives the other 90 days' written notice of their intent to terminate this MOU.
- d. A breaching party has failed to cure a material breach of this MOU within 30 days following written notice of that breach given by the non-breaching party.

Each party is an independent contractor and no provision of this MOU grants either party any express or implied right or authority to assume or create any obligations or responsibility on behalf of or in the name of the other party or bind the other party in any manner or thing whatsoever.

Neither party shall assign or transfer the privileges and obligations under this MOU without the prior written consent of the other party.

The law of the Republic of India shall govern this MOU. Any dispute between

parties arising in connection with the performance of this MOU shall be resolved amicably between the parties through a process of negotiation before the use of any judicial remedy before the appropriate forum. Both parties irrevocably submit to the exclusive jurisdiction of the Courts at New Delhi, for any action or proceeding.





Any changes to the MOU are to be mutually agreed to by Veterans India and the (Name of College/Institute/University) and executed in writing.

This MOU may be executed in one or more counterparts, each of which will be deemed to be an original of this MOU and all of which, when taken together, will be deemed to constitute the same agreement. A signed copy of this MOU delivered by facsimile, e-mail or other means of electronic transmission shall be deemed to have the same legal effect as delivery of the original signed

IN WITNESS WHEREOF, the parties hereto have executed this MOU on this

12th day of June 2023.

For and on behalf of

For and behalf of

MCA/The Oxford College of Engineering Veterans India

Dr. Flya Stfashi College of Engineering Road, BANGALORB -

Dr. B K Mishra

The Oxford College of Engineering 10th Milestone, Bommanahalli, Hosur Road, Bengaluru-560 068

National President, Veterans India Dwarka New Delhi 110059

WITNESSES:

Prof. Dharamvir

Dept of MCA

The Oxford College of Engineering 10th Milestone, Bommanahalli, Hosur Road, Bengaluru-560 068

Prof. J C Achutha

Dept of MCA

The Oxford College of Engineering 10th Milestone, Bommanahalli, Hosur Road, Bengaluru-560 068

National President, Veterans India

Dwarka New Delhi 110059 ABHIMANYU

National President, Veterans India Dwarka New Delhi 110059