



Mahatma Education Society's

Pillai HOC College of Engineering and Technology, Rasayani

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

**\*Copies of MoUs/ collaboration/ related documents indicating the nature of collaboration and activities year-wise.**

**\* List of activities conducted under each MoU along with dates of starting and completion year-wise signed by both parties**

**PRINCIPAL**

Mahatma Education Society's  
Pillai HOC College of  
Engineering and Technology.

Pillai's HOC Educational Campus  
Rasayani, Tal. Khelapur  
Dist. Raigad, Pin-410 207



Mahatma Education Society's

**Pillai HOC College of Engineering and Technology**

Department of Civil Engineering

**Activities conducted under MoU**

**Name of MoU - IGBC, Mumbai**

**2022-23**

Sr. No.	Name of Activity	Start date	Completion date
1	Green sketching Campaign and meme doodling	12-09-2022	16-09-2022
2	Essay Competition	12-09-2022	16-09-2022
3	One minute video competition on Sustainable environment	12-09-2022	16-09-2022

HoD

Principal

Authorized Signatory

**Party 1: Pillai HOC College of Engineering and Technology**

**Party 2: IGBC,  
Mumbai**

**PRINCIPAL**

Mahatma Education Society's  
Pillai HOC College of  
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Pillai's HOC Educational Campus  
Rassyanil, Tal. Khelapur  
Dist. Raigad, Pin-410 207



Mahatma Education Society's  
Pillai HOC College of Engineering and Technology  
Department of Computer Engineering  
Activities conducted under MoU

Name of MoU - My Captain, E-learning platform

2022-23

Sr. No.	Name of Activity	Start date	Completion date
1	TechThrive:Internet of things(Chapter1) Workshop	23/08/22	23/08/22

Ms. Rohini Bhosale

HoD

Dr. J. W. Bakal

Principal

Mr. Kartikeya Srivastava

Team Lead-Operations

Party 1: Pillai HOC College of Engineering and Technology

Party 2: My Captain,  
E-learning platform

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Department of Computer Engineering  
Activities conducted under MoU

Name of MoU - AIPL Tech Pvt.Ltd

2023-24

Sr. No.	Name of Activity	Start date	Completion date
1	Industrial Visit	28/2/23	28/2/23

Ms. Rohini Bhosale

HoD

Dr. J. W. Bakal

Principal

Mr. R. K. Pillai

President and CEO

Party 1: Pillai HOC College of Engineering and Technology

Party 2: AIPL Tech  
Pvt. Ltd, Vashi

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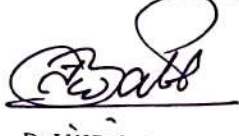
Mahatma Education Society's  
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Department of Computer Engineering  
Activities conducted under MoU

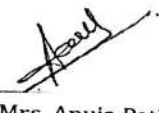
Name of MoU - Aptech Learning, Panvel

2022-23

Sr. No.	Name of Activity	Start date	Completion date
1	Expert Talk on Cyber security and Social media hacking	2/3/23	2/3/23
2	Hands on Workshop on R Programming	8/11/23	8/11/23
3	JAVA Programming Course	21/6/23	11/10/23

  
Ms. Rohini Bhosale  
HoD

  
Dr. J. W. Bakal  
Principal

  
Mrs. Anuja Patil  
Director

Party 1: Pillai HOC College of Engineering and Technology

Party 2: Aptech Learning, Panvel



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Department of Information Technology

**Activities conducted under MoU**

**Name of MoU - Empowering Zealous Brains  
Pvt.Ltd.**

**2023-24**

Sr. No.	Name of Activity	Start date	Completion date
1	Corporate Readiness	25/05/2023	25/05/2023
2	Further Studies Abroad	25/07/2023	25/07/2023
3	Career Counselling Session	10/8/2023	10/8/2023

HoD

**Party 1: Pillai HOC College of Engineering and  
Technology**

Principal

Authorized Signatory

**Party 2: Empowering  
Zealous Brains Pvt.Ltd.**

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Department of Information Technology

**Activities conducted under MoU**

**Name of MoU - Bloomzen Infosolutions Pvt. Ltd                      2022-23**

Sr. No.	Name of Activity	Start date	Completion date
1	Workshop on JavaScript in FullStack Development	5/2/2022	5/2/2022

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**Party 1: Pillai HOC College of Engineering and Technology**

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Authorized Signatory

**Party 2: Bloomzen Infosolutions Pvt. Ltd**

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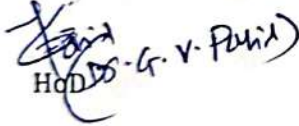
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Department of Mechanical Engineering

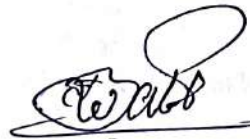
Activities conducted under MoU

Name of MoU - Anthony Garage Pvt. Ltd., Patalganga

2022-23

Sr. No.	Name of Activity	Start date	Completion date
1	Supporting and providing platform to built vehicle under "starker motors"	23/12/2022	3/2/2023
		24/06/2022	5/8/2022
2	Short Training to the students (Internship)	12/6/2023	4/7/2023
		14/12/2022	8/1/2023

  
HOD (G. V. Pund)

  
Principal

  
Authorized Signatory

Party 1: Pillai HOC College of Engineering and Technology

Party 2: Anthony  
Garage Pvt. Ltd.





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Department of Mechanical Engineering

Activities conducted under MoU

Name of MoU - Rashtriya Chemicals and Fertilizers Ltd

2022 - 23

Sr. No.	Name of Activity	Start date	Completion date
1	Short Training to the students (Internship)	1/6/2023	15/07/2023
		26/12/2022	8/1/2023

*(Prof. G.V. Pillai)*  
HOD

Principal

Party 1: Pillai HOC College of Engineering and Technology

*N. Wankhede*

Authorized Signatory

Party 2: RCF Ltd



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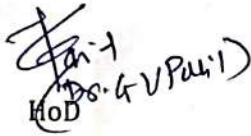
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Department of Mechanical Engineering

**Activities conducted under MoU**

Name of MoU - REU Engineering & Consulting, Kamothe

2022-23

Sr. No.	Name of Activity	Start date	Completion date
1	External Examiner for Mini-Project 1 & 2 in First half 2023 Examination	24/05/2023	24/05/2023
2	Examiner for BE Project in First half 2023 Examination	25/04/2023	25/04/2023
3	Seminar on "Current Trends and Opportunities in Piping Engineering"	19/4/2023	19/4/2023
4	Judge for MECH - Tech 2023	15/4/2023	15/4/2023

  
HOD

  
Principal

  
Authorized Signatory

Party 1: Pillai HOC College of Engineering and Technology

Party 2: REU  
Engineering & Consulting





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Department of Civil Engineering  
**Activities conducted under MoU**

**Name of MoU -Jog Infrastructure Pvt. Ltd**

Sr. No.	Name of Activity	Start date	Completion date
1	Internship ( 6 students) (2021-22)	Dec-21	Jan-22



HoD



Principal



Authorized Signatory

**Party 1: Pillai HOC College of Engineering and Technology**

**Party 2:Jog  
Infrastructure Pvt.  
Ltd**



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Department of Computer Engineering

**Activities conducted under MoU**

Name of MoU - Reva Technologies, New Panvel

2021-22

Sr. No.	Name of Activity	Start date	Completion date
1	Internship	9/4/22	9/4/25

Ms. Rohini Bhosale

HoD

Dr. J.W. Bakal

Principal

Mrs. Vasanti K.

CEO

**Party 1: Pillai HOC College of Engineering and Technology**

**Party 2: Reva Technologies, New Panvel**

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Department of Electronics and Telecommunication Engineering  
**Activities conducted under MoU**

**Name of MoU - Telenetwork Technologies Pvt. Ltd.**

**2021-22**

Sr. No.	Name of Activity	Start date	Completion date
1	Webinar on "Network Penetration Testing"	9/25/2021	9/25/2021

HoD

Principal

Authorized Signatory

**Party 2:**

**Telenetwork  
Technologies Pvt.  
Ltd**

**Party 1: Pillai HOC College of Engineering and Technology**

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Department of Electrical Engineering  
**Activities conducted under MoU**

**Name of MoU - Tata power skill development institute (TPSDI)**

**2021-22**

Sr. No.	Name of Activity	Start date	Completion date
1	Training program " Solar PV fundamentals"	June 21, 2021	June 26, 2021

HoD

Principal

Authorized Signatory

**Party 1: Pillai HOC College of Engineering and Technology**

**Party 2: Tata power skill development institute (TPSDI)**

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**Pillai HOC College of Engineering and Technology**  
Department of Mechanical Engineering

**Activities conducted under MoU**

Name of MoU - Anthony Garage Pvt. Ltd., Patalganga

2021-22

Sr. No.	Name of Activity	Start date	Completion date
1	Supporting and providing platform to built vehicle under "starker motors" online / off line	24/12/2021	28/01/2022
		2/7/2021	13/08/2021
2	Short Training to the students (Internship)	12/6/2022	6/7/2022

*[Signature]*  
HODs (G.V.P.W.I.)

*[Signature]*  
Principal

*[Signature]*  
Authorized Signatory  
Party 2: Anthony  
Garage Pvt. Ltd.

Party 1: Pillai HOC College of Engineering and Technology



*[Signature]*

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Pillai HOC College of Engineering and Technology  
Department of Mechanical Engineering

Activities conducted under MoU

Name of MoU - REU Engineering & Consulting, Kamothe 2021 - 22

Sr. No.	Name of Activity	Start date	Completion date
1	Judge for MECH - Tech 2022	23/04/2022	23/04/2022
2	Mentor for Students, Also encouraged students by taking online sessions in lock down period	2/2/2022	23/02/2022

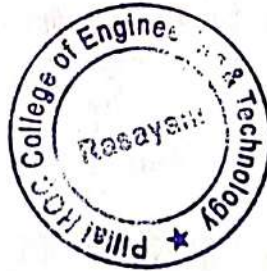
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HOD (M.E. Pillai)

*[Handwritten Signature]*  
Principal

*[Handwritten Signature]*  
Authorized Signatory

Party 1: Pillai HOC College of Engineering and Technology

Party 2: REU Engineering & Consulting



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Dist. Raigad, Pin-410 207





Mahatma Education Society's

**Pillai HOC College of Engineering and Technology**

Department of Civil Engineering

**Activities conducted under MoU**

**Name of MoU -Chetan Construction**

Sr. No.	Name of Activity	Start date	Completion date
	Internship ( 2 students) (2021-22)	Dec-21	Jan-22
1	Internship ( 17 students) (2019-20)	Dec-19	Jan-20

HoD

Principal

Authorized Signatory

**Party 1: Pillai HOC College of Engineering and Technology**

**Party 2:Chetan  
Construction**

**PRINCIPAL**

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**Pillai HOC College of Engineering and Technology**

Department of Civil Engineering  
**Activities conducted under MoU**

**Name of MoU - IGBC, Mumbai**

**2022-23**

Sr. No.	Name of Activity	Start date	Completion date
1	Green sketching Campaign and meme doodling	12-09-2022	16-09-2022
2	Essay Competition	12-09-2022	16-09-2022
3	One minute video competition on Sustainable environment	12-09-2022	16-09-2022

HoD

Principal

Authorized Signatory

**Party 1: Pillai HOC College of Engineering and Technology**

**Party 2: IGBC,  
Mumbai**

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Mahatma Education Society's  
**Pillai HOC College of Engineering and Technology**  
Department of Civil Engineering  
**Activities conducted under MoU**

Name of MoU - J M Mhatre Infra Pvt. Ltd

2019-20

Sr. No.	Name of Activity	Start date	Completion date
1	Internship ( 30 students)	Dec-19	Jan-20

HoD

Principal

Authorized Signatory  
Party 2: J M Mhatre  
Infra Pvt. Ltd

Party 1: Pillai HOC College of Engineering and Technology



Mahatma Education Society's  
**Pillai HOC College of Engineering and Technology**  
Department of Civil Engineering  
**Activities conducted under MoU**

Name of MoU - J M Mhatre Infra Pvt. Ltd

Sr. No.	Name of Activity	Start date	Completion date
1	Internship ( 30 students) (2020-21)	Jan-21	Feb-21
1	Internship ( 18 students) (2021-22)	Jun-21	Jul-21
2	Internship ( 3students) (2022-23)	Dec-22	Jan-23

HoD

Principal

Authorized Signatory  
Party 2: J M Mhatre  
Infra Pvt. Ltd

Party 1: Pillai HOC College of Engineering and Technology

**PRINCIPAL**

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Pillai HOC College of  
Engineering and Technology,  
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**Pillai HOC College of Engineering and Technology**

Department of Civil Engineering

**Activities conducted under MoU**

**Name of MoU -Jog Infrastructure Pvt. Ltd**

Sr. No.	Name of Activity	Start date	Completion date
1	Internship ( 6 students) (2021-22)	Dec-21	Jan-22



HoD



Principal



Authorized Signatory

**Party 1: Pillai HOC College of Engineering and Technology**

**Party 2:Jog  
Infrastructure Pvt.  
Ltd**



**PRINCIPAL**

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Pillai HOC College of  
Engineering and Technology,  
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Rassyanil, Tal. Khelapur  
Dist. Raigad, Pin-410 207



Mahatma Education Society's

**Pillai HOC College of Engineering and Technology**

Department of Civil Engineering

**Activities conducted under MoU**

**Name of MoU -Padeco India Pvt.Ltd**

Sr. No.	Name of Activity	Start date	Completion date
1	Internship ( 15 students) (2019-20)	Decemebr 2019	Jan-20

HoD

Principal

Authorized Signatory

**Party 1: Pillai HOC College of Engineering and Technology**

**Party 2: Padeco  
India Pvt.Ltd**

**PRINCIPAL**

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Pillai HOC College of  
Engineering and Technology.

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**Pillai HOC College of Engineering and Technology**

Department of Civil Engineering  
**Activities conducted under MoU**

**Name of MoU -Structwel Designers And Consultants Pvt.Ltd**

Sr. No.	Name of Activity	Start date	Completion date
1	Internship (11 students)	Dec-19	Jan-20

HoD

**Party 1: Pillai HOC College of Engineering and Technology**

Principal

Authorized Signatory

**Party 2:Structwel  
Designers And  
Consultants Pvt.Ltd**

**PRINCIPAL**

Mahatma Education Society's  
Pillai HOC College of  
Engineering and Technology.

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Rassyanil, Tal. Khalapur  
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**Pillai HOC College of Engineering and Technology**

Department of Civil Engineering  
**Activities conducted under MoU**

**Name of MoU - TVM Engineering Works**

**2019-20**

Sr. No.	Name of Activity	Start date	Completion date
1	Placement drive	31-10-2020	31-10-2020

HoD

Principal

Authorized Signatory

**Party 1: Pillai HOC College of Engineering and Technology**

**Party 2: TVM  
Engineering Works**

**PRINCIPAL**

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Engineering and Technology,  
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**Pillai HOC College of Engineering and Technology**  
Department of Electronics and Telecommunication Engineering  
**Activities conducted under MoU**

**Name of MoU - ZinZout Teletech®, India**

**2020-21**

Sr. No.	Name of Activity	Start date	Completion date
1	Workshop on Antenna Design Thinking using CST Microwave Studio	12/7/2020	12/7/2020

HoD

Principal

Authorized Signatory

**Party 1: Pillai HOC College of Engineering and Technology**

**Party 2: ZinZout  
Teletech®, India**

**PRINCIPAL**

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Pillai HOC College of  
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Department of Electrical Engineering  
**Activities conducted under MoU**

**Name of MoU - Tata power skill development institute (TPSDI) 2020-21**

Sr. No.	Name of Activity	Start date	Completion date
1	Training program " Power System Awareness"	June 29 ,2020	July 04,2020
2	Training program "Power System Overview"	October 19, 2020	October 24, 2020

HoD

Principal

Authorized Signatory

**Party 1: Pillai HOC College of Engineering and Technology**

**Party 2: Tata power skill development institute (TPSDI)**

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**Pillai HOC College of Engineering and Technology**

Department of Civil Engineering  
**Activities conducted under MoU**

**Name of MoU -Padeco India Pvt.Ltd**

Sr. No.	Name of Activity	Start date	Completion date
1	Internship ( 15 students) (2019-20)	Decemebr 2019	Jan-20

HoD

Principal

Authorized Signatory

**Party 1: Pillai HOC College of Engineering and Technology**

**Party 2: Padeco  
India Pvt.Ltd**

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**Pillai HOC College of Engineering and Technology**

Department of Civil Engineering  
**Activities conducted under MoU**

**Name of MoU -Structwel Designers And Consultants Pvt.Ltd**

Sr. No.	Name of Activity	Start date	Completion date
1	Internship (11 students)	Dec-19	Jan-20

HoD

**Party 1: Pillai HOC College of Engineering and Technology**

Principal

Authorized Signatory

**Party 2:Structwel  
Designers And  
Consultants Pvt.Ltd**

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Department of Civil Engineering  
**Activities conducted under MoU**

**Name of MoU - TVM Engineering Works**

**2019-20**

Sr. No.	Name of Activity	Start date	Completion date
1	Placement drive	31-10-2020	31-10-2020

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**Party 1: Pillai HOC College of Engineering and Technology**

**Party 2: TVM  
Engineering Works**

**PRINCIPAL**

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Department of Civil Engineering  
**Activities conducted under MoU**

Name of MoU - J M Mhatre Infra Pvt. Ltd

2019-20

Sr. No.	Name of Activity	Start date	Completion date
1	Internship ( 30 students)	Dec-19	Jan-20

HoD

Principal

Authorized Signatory  
Party 2: J M Mhatre  
Infra Pvt. Ltd

Party 1: Pillai HOC College of Engineering and Technology



Mahatma Education Society's  
**Pillai HOC College of Engineering and Technology**  
Department of Civil Engineering  
**Activities conducted under MoU**

Name of MoU - J M Mhatre Infra Pvt. Ltd

Sr. No.	Name of Activity	Start date	Completion date
1	Internship ( 30 students) (2020-21)	Jan-21	Feb-21
1	Internship ( 18 students) (2021-22)	Jun-21	Jul-21
2	Internship ( 3students) (2022-23)	Dec-22	Jan-23

HoD

Principal

Authorized Signatory  
Party 2: J M Mhatre  
Infra Pvt. Ltd

Party 1: Pillai HOC College of Engineering and Technology

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Mahatma Education Society's  
**Pillai HOC College of Engineering and Technology**  
Department of Electrical Engineering  
**Activities conducted under MoU**

**Name of MoU - Tata power skill development institute (TPSDI)**

**2019-20**

Sr. No.	Name of Activity	Start date	Completion date
1	Training program " Solar PV system Familiarization	7th March, 2020	7th March, 2020
2	Training program " Power system Familiarization"	12 December, 2019	25 December, 2019
3	Seminar on "Technical Training Programs for Electrical Engineers at TPSDI- Trombay"	26th August, 2019	26th August, 2019

HoD

Principal

Authorized Signatory

**Party 1: Pillai HOC College of Engineering and Technology**

**Party 2: Tata power skill development institute (TPSDI)**

**PRINCIPAL**

Mahatma Education Society's  
Pillai HOC College of  
Engineering and Technology,  
Pillai's HOC Educational Campus  
Rassyanil, Tal. Khelapur  
Dist. Raigad, Pin-410 207



Mahatma Education Society's

**Pillai HOC College of Engineering and Technology**

Department of Information Technology

**Activities conducted under MoU**

**Name of MoU -GEH Research LLP India**

**2019-20**

<b>Sr. No.</b>	<b>Name of Activity</b>	<b>Start date</b>	<b>Completion date</b>
1	IPR Awareness Program	11/5/2020	11/5/2020

HoD

**Party 1: Pillai HOC College of Engineering and Technology**

Principal

Authorized Signatory

**Party 2: GEH Research LLP India**

**PRINCIPAL**

Mahatma Education Society's  
Pillai HOC College of  
Engineering and Technology.

Pillai's HOC Educational Campus  
Rassyan, Tal. Khelepur  
Dist. Raigad, Pin-410 207





Mahatma Education Society's  
**Pillai HOC College of Engineering and Technology**  
Department of Mechanical Engineering

**Activities conducted under MoU**

Name of MoU - Anthony Garage Pvt. Ltd., Patalganga

2019-20

Sr. No.	Name of Activity	Start date	Completion date
1	Supporting and providing platform to built vehicle under "starker motors"	19/07/2019	4/9/2019
		20/12/2019	15/01/2020
2	Mentoring to final year students	18/05/2019	15/01/2020

*Anthony*  
HOD (Mech. Part-1)

*Anthony*  
Principal

*Anthony*  
Authorized Signatory

Party 1: Pillai HOC College of Engineering and Technology

Party 2: Anthony



*Anthony*

**PRINCIPAL**

Mahatma Education Society's  
Pillai HOC College of  
Engineering and Technology.

Pillai's HOC Educational Campus  
Rasayani, Tal. Khalepur  
Dist. Raigad, Pin-410 207



Mahatma Education Society's  
**Pillai HOC College of Engineering and Technology**  
Department of Mechanical Engineering

**Activities conducted under MoU**

Name of MoU - Rashtriya Chemicals and Fertilizers Ltd

2019 - 20

Sr. No.	Name of Activity	Start date	Completion date
1	Short Training to the students (Internship)	30/11/2019	31/12/2019

  
HOD

  
Principal

Party 1: Pillai HOC College of Engineering and Technology

  
Authorized Signatory

Party 2: RCF Ltd





**PRINCIPAL**

Mahatma Education Society's  
Pillai HOC College of  
Engineering and Technology,  
Pillai's HOC Educational Campus  
Rasayani, Tal. Khelepur  
Dist. Raigad, Pin-410 207



Mahatma Education Society's

**Pillai HOC College of Engineering and Technology**

Department of Civil Engineering

**Activities conducted under MoU**

**Name of MoU -Chetan Construction**

Sr. No.	Name of Activity	Start date	Completion date
	Internship ( 2 students) (2021-22)	Dec-21	Jan-22
1	Internship ( 17 students) (2019-20)	Dec-19	Jan-20

HoD

Principal

Authorized Signatory

**Party 1: Pillai HOC College of Engineering and Technology**

**Party 2:Chetan  
Construction**

**PRINCIPAL**

Mahatma Education Society's  
Pillai HOC College of  
Engineering and Technology.

Pillai's HOC Educational Campus  
Rassyan, Tal. Khalapur  
Dist. Raigad, Pin-410 207



Mahatma Education Society's

**Pillai HOC College of Engineering and Technology**

Department of Information Technology

**Activities conducted under MoU**

**Name of MoU -Telenetwork Technologies**

**2018-19**

<b>Sr. No.</b>	<b>Name of Activity</b>	<b>Start date</b>	<b>Completion date</b>
1	Training Program of Cisco Certified Network	13/02/2019	16/02/2019

HoD

Principal

Authorized Signatory

**Party 1: Pillai HOC College of Engineering and Technology Party 2: Telenetwork Technologies**

**PRINCIPAL**

Mahatma Education Society's  
Pillai HOC College of  
Engineering and Technology.

Pillai's HOC Educational Campus  
Rassyanil, Tal. Khelepur  
Dist. Raigad, Pin-410 207



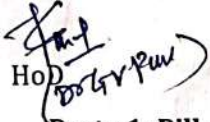
Mahatma Education Society's  
Pillai HOC College of Engineering and Technology  
Department of Mechanical Engineering

Activities conducted under MoU

Name of MoU - IFS Academy

2018-19

Sr. No.	Name of Activity	Start date	Completion date
1	Seminar on "Finite Element Analysis"	4/1/2019	4/1/2019
2	Certificate Training Program "Creo for Design Engineers"	8/9/2018	21/9/2018

  
HOD



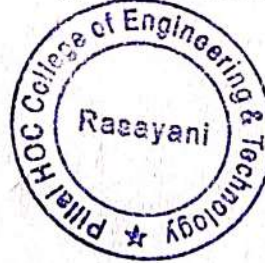
Principal



Authorized Signatory

Party 1: Pillai HOC College of Engineering and Technology

Party 2: IFS Academy





PRINCIPAL

Mahatma Education Society's  
Pillai HOC College of  
Engineering and Technology,  
Pillai's HOC Educational Campus  
Rasayani, Tal. Khelepur  
Dist. Raigad, Pin-410 207



Mahatma Education Society's  
**Pillai HOC College of Engineering and Technology**  
Department of Mechanical Engineering

**Activities conducted under MoU**

Name of MoU - Rashtriya Chemicals and Fertilizers Ltd

2018-19

Sr. No.	Name of Activity	Start date	Completion date
1	Short Training to the students (Internship)	6/6/2019	6/7/2019

*(Signature)*  
HoD

Party 1: Pillai HOC College of Engineering and Technology

*(Signature)*  
Principal

*(Signature)*

Authorized Signatory  
Party 2: RCF Ltd



*(Signature)*

**PRINCIPAL**

Mahatma Education Society's  
Pillai HOC College of  
Engineering and Technology,  
Pillai's HOC Educational Campus  
Rasayani, Tal. Khelepur  
Dist. Raigad, Pin-410 207



# Memorandum of Understanding

between MyCaptain & CSI PHCET, Pillai College of  
Engineering and Technology, Rasayani.

Dated: 22<sup>th</sup> August, 2022

Place: Rasayani, India

The agreement outlines the nature of the relationship between MyCaptain & PHCET, Pillai College of Engineering and Technology, Rasayani represented by Principal, Dr. J.W.Bakal.

This document also consists of the day, date, time and venue of the event: Tuesday, 23<sup>rd</sup> August' 2022, 3 PM and the venue being Conclave 2.

• CSI PHCET agrees to the following:

1. MyCaptain forms circulation in official and unofficial whatsapp groups in all the departments though faculties and CSI members respectively.
2. Class pitching in all the classes (SE, TE, BE) for 10-15 minutes.
3. MyCaptain as Upskilling Partner for this event.
4. MyCaptain logo on the official posters and banners and on social media .
5. The MOU will be for 6 months for studentonly.

• MyCaptain agrees to the following:

1. Five free courses to the winning team worth Rs.6000 /- ( $5*6000= 30000$ )
2. Five 2000 discount coupons for runners up team on any pack worth Rs.8000 /- ( $2000*1= 10000$ )
3. Seventy Five 1000rs off coupons for all the participants on any pack worth Rs.8000 /- ( $1000*75= 75000$ )
4. Monetary sponsorship worth Rs.12000 /-

**PRINCIPAL**

Mahatma Education Society's  
Pillai HOC College of  
Engineering and Technology.

Pillai's HOC Educational Campus  
Rasayani, Tal. Kheleapur  
Dist. Raigad, Pin-410 207



*No modifications or alteration of any deliverables or terms and conditions of this MoU shall be effective unless made with prior written agreement of the parties involved.*

*The parties involved have agreed upon these terms and are hereby incorporated in a definitive agreement proposed to be executed between the parties.*

This is a draft MoU, and if agreed upon the parties, will be signed and delivered for and on behalf of teams:

Dated: 22/08/2022

*Kartikya*  
KARTIKEYA SRIVASTAVA  
TEAM LEAD - OPERATIONS  
*Kartikya*

**PRINCIPAL**

Mahatma Education Society's  
Pillai HOC College of  
Engineering and Technology,  
Pillai's HOC Educational Campus  
Rasayani, Tal. Khalapur,  
Dist. Raigad, Pin-410 207

*J.W. Bakal*  
Dr. J.W. Bakal  
Principal  
(PHCET)  
**PRINCIPAL**  
Mahatma Education Society's  
Pillai HOC College of  
Engineering and Technology,  
Pillai's HOC Educational Campus  
Rasayani, Tal. Khalapur,  
Dist. Raigad, Pin-410 207





**PRINCIPAL**

Mahatma Education Society's  
Pillai HOC College of  
Engineering and Technology,  
Pillai's HOC Educational Campus  
Rassyanl, Tal. Khelapur  
Dist. Raigad, Pin-410 207



महाराष्ट्र MAHARASHTRA

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ZS 287753

पूरबळ्याचा दिनांक 29 MAR 2022  
उपकाळ्याचा नांव-पनवेल,  
जि. रायगड.



उप कोषागार अधिकारी  
पनवेल - रायगड

MEMORANDUM OF UNDERSTANDING  
BETWEEN

Pillai HOC College Of Engineering & Technology, Khalapur, HOC Colony Rd, Taluka,  
Rasayani, Maharashtra 410207,INDIA

&

Reva Technologies

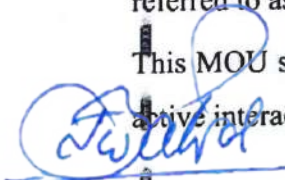
Reg. office Z-302, Omkar Bramha CHS, Adai, New Panvel, Maharashtra 410206

The MOU is signed between Reva Technologies and Pillai HOC College Of Engineering & Technology, Khalapur, HOC Colony Rd, Taluka, Rasayani on this day of 9th April, 2022 and holds good up to 3 -years (that is till 9<sup>th</sup> April, 2025).

Pillai HOC College of Engineering and Technology and the Reva Technologies are hereinafter individually referred to as a Party and collectively as the Parties.

Reva Technologies provides internships and training programs in leading technologies and would like to associate with Pillai HOC College of Engineering & Technology (henceforth referred to as PHCET), for offering Projects, Training Programs & Internships.

This MOU shall be mutually beneficial to Reva Technologies and PHCET for strengthening active interaction with Industry & Institute.



PRINCIPAL

Mahatma Education Society's  
Pillai HOC College of  
Engineering and Technology.

Pillai's HOC Educational Campus  
Rasayani, Tal. Khalapur  
Dist. Raigad. Pin-410 207









**Areas of mutual cooperation will include:**

1. Second, Third and Final Year Engineering students can do an internship in association with Reva Technologies.
2. Training and hands-on labs by Reva Technologies Course based on mutually agreeable terms & conditions every year.
3. Students who will complete the course will receive a Certificate from Reva Technologies.
4. Reva Technologies consents to offer the expertise of its faculty members in different advanced Technologies.

**I. Ethical Duties and Confidentiality:**

- a. During the contract period with the department, expert trainers will work with high standards of training efficiency. Cooperation from the departments is also very much required to make the training program successful.
- b. Both the organizations should maintain high confidentiality of the training communication and any other matters related to the above assignment.
- c. The department should provide infrastructure facilities like classrooms, audio-visual equipment (if required) and office personnel to enable Reva Technologies to conduct Training smoothly. Reva Technologies assures that various resources will be handled with utmost honesty and professional ethics.
- d. PHCET will provide the prerequisite infrastructure like lab(s) with Computers, LCD Projector(s), internet and a complete set of equipment needed for gaining practical and theoretical knowledge in the field of Bachelor of Engineering and Diploma of Engineering. The teaching of the above courses would be carried out by well-qualified staff as per norms of AICTE, DTE, UGC, and MSBTE.
- e. PHCET will arrange the hospitality and stay facility of the training resource person(s) in case of the offline session.
- f. PHCET will help in planning the training schedule, course promotion among the students, inspiring them to join the training session to ensure the fulfilment of the minimum batch size.
- g. The MOU can be reviewed/ renewed at the end of the contract for further assignments.

*[Handwritten Signature]*

**PRINCIPAL**  
Mahatma Education Society's  
Pillai HOC College of  
Engineering and Technology,  
Pillai's HOC Educational Campus  
Rassyan, Tal. Khelepur  
Dist. Raigad, Pin-410 207

*[Handwritten Signature]*



*[Handwritten Signature]*



### Training Methodology:

- The course will be Instructor-led using PowerPoint.
- Online Tests will be conducted at regular intervals and the comfort level of all the candidates on the topics would be assessed. This would help in ensuring that the program objectives are met while going ahead with the next module.
- Feedback will be taken at the end of complete training & a copy will be provided to you for your reference.
- The certificate will be issued within 7 days' time – once the student clears all examinations.

### The Responsibilities of Training Partner

1. **Reva Technologies** will impart expert lectures to upgrade the knowledge of students as per industry needs. They will also provide career guidance in the relevant field which will help the students to understand the needs of industry and skills needed to fulfil those needs and demands, thus bridging the gap between academia and industry.

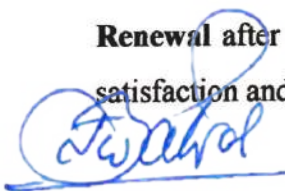
2. As per needs **Reva Technologies** will conduct Short Term Skill-Based Training Programs for the students of 'PHCET'

3. **Reva Technologies** will extend their cooperation in providing opportunities for live / Demo projects to the students as per their needs.

4. **Reva Technologies** would provide an internship with or without stipend and upon successful completion of internship can provide Job opportunity as per suitable vacancies in their organization within the framework of the recruitment procedure.

5. Students would be receiving all relevant certificates as per the type of engagement with **Reva Technologies**.

Renewal after completing the MoU period it renewal will be totally based on the level of satisfaction and mutual understanding.



**PRINCIPAL**  
Mahatma Education Society's  
Pillai HOC College of  
Engineering and Technology,  
Pillai's HOC Educational Campus  
Rassyan, Tal Khalepur  
Dist. Raigad, Pin-410 207






**Revenue Sharing:** The revenue sharing in percentage, between two parties will be as below:

Training mode	PHCET	Reva Technologies
Online	20%	80%
Offline	30%	70%

**Authorized Signatory**



**Principal**

Mahatma Education Society's  
Pillai HOC college of Engineering and Technology,  
Rasayani, Raigad



**Authorized Signatory**





**CEO**

Reva Technologies,  
Adai, New Panvel,  
Raigad



**Witness:**

- 1) Rohini Bhasate 
- 2) Arvind Navayire 



**PRINCIPAL**

Mahatma Education Society's  
Pillai HOC College of  
Engineering and Technology,  
Pillai's HOC Educational Campus  
Rasayani, Tal. Khalepur  
Dist. Raigad, Pin-410 207



महाराष्ट्र MAHARASHTRA

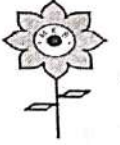
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54AA 191562



*Pillai*

## Memorandum of Understanding



between

Pillai HOC College Of Engineering & Technology, Khalapur Taluka ,  
HOC Colony Rd, Rasayani, Maharashtra 410207, India

and

Aptech Learning Centre, Panvel, Old Panvel Maharashtra 410206, India

Dated: 17th May, 2023

Place: Rasayani, India.

The MOU is signed between Pillai HOC College of Engineering & Technology, Pillai HOCL Educational Campus, HOC Colony Rd, Rasayani via Panvel, Taluka - Khalapur Raigad,

Page 1 of 4

**PRINCIPAL**

Mahatma Education Society's  
Pillai HOC College of  
Engineering and Technology.

Pillai's HOC Educational Campus  
Rasayani, Tal. Khalapur  
Dist. Raigad. Pin-410 207

मुद्रांक विक्री नोंदणी अनु क्र. 15409 दिनांक \_\_\_\_\_

दस्तावा प्रकार MOU दस्त नोंदणी करणार आहात का ? होय/नाही

विक्रीतीचे वर्णन \_\_\_\_\_

मुद्रांक विक्रीत घेणा-याचे नाव Rohini Bhosale

दुक-वा पक्षकाराचे नाव Pillai HOC

हस्त असल्यास नाव, पता Umesh Jadhav सही

मुद्रांक शुल्क रक्कम 100

मुद्रांक विक्रीत्याची सही व विक्रीचे ठिकाण (सी.बी.डी. राजे)

राजे स्टॅम्प बॅंकर, दुकान क्र. ३१, प्रभात सेंटर, प्रानाना क्र. १२०१०४१

सेक्टर-१-अ, सी.बी.डी.बेलापूर, नवी मुंबई-४००६१४

ज्या कारणासाठी ज्यांनी मुद्रांक खरेदी केला त्यांनी त्याच कारणासाठी  
मुद्रांक खरेदी केल्याबाबत ६ महिन्यांत वाढवणे बंधनकारक आहे.

Maharashtra 410207, India and Aptech Learning Centre, Panvel, Old Panvel Maharashtra 410206, India on this day of 17th May, 2023.

Pillai HOC College of Engineering and Technology and the Aptech Learning Centre, Panvel are hereinafter individually referred to as a party and collectively as the parties.

Aptech Learning Centre, Panvel provides training programs in leading technologies and would like to associate with Pillai HOC College of Engineering & Technology (henceforth referred to as PHCET), for offering training programs, workshop, expert session etc.

This MOU shall be mutually beneficial to Aptech Learning Centre, Panvel and PHCET for strengthening active interaction with Industry & Institute.

#### Areas of mutual cooperation will include:

1. Training and hands-on labs 3 paid and 3 unpaid by Aptech Learning Course based on mutually agreeable terms & conditions every year.
2. Students who will complete the Paid course will receive a e-certificate from Aptech Learning Centre.
3. Aptech Learning consents to offer the expertise of its faculty members in different advanced Technologies.

PRINCIPAL

Mahatma Education Society's  
Pillai HOC College of  
Engineering and Technology,  
Pillai's HOC Educational Campus  
Rassyan, Tal. Khalepur  
Dist. Raigad, Pin-410 207

## **I. Ethical Duties and Confidentiality:**

1. During the contract period with the department, expert trainers will work with high standards of training efficiency. Cooperation from the departments is also very much required to make the training program successful.
2. Both the organizations should maintain high confidentiality of the training communication and any other matters related to the above assignment.
3. The department should provide infrastructure facilities like classrooms, audio-visual equipment (if required) and office personnel to enable Aptech Learning Centre, Panvel to conduct Training smoothly. Aptech Learning Centre, Panvel assures that various resources will be handled with utmost honesty and professional ethics.
4. PHCET will provide the prerequisite infrastructure like lab(s) with Computers, LCD Projector(s), internet and a complete set of equipment needed for gaining practical and theoretical knowledge in the field of Bachelor of Engineering and Diploma of Engineering. The teaching of the above courses would be carried out by well-qualified staff as per norms of AICTE, DTE, UGC, and MSBTE.
5. PHCET will arrange the hospitality and stay facility of the training resource person(s) in case of the offline session.
6. PHCET will help in planning the training schedule, course promotion among the students, inspiring them to join the training session to ensure the fulfilment of the minimum batch size.
7. The MOU can be reviewed/ renewed at the end of the contract for further assignments.

## **Training Methodology:**

1. The course will be Instructor-led using PowerPoint.
2. Online Tests will be conducted at regular intervals and the comfort level of all the candidates on the topics would be assessed. This would help in ensuring that the program objectives are met while going ahead with the next module.
3. Feedback will be taken at the end of complete training & a copy will be provided to you for your reference.

**PRINCIPAL**

Mahatma Education Society's  
Pillai HOC College of  
Engineering and Technology,  
Pillai's HOC Educational Campus  
Rassyan, Tal. Khalepur  
Dist. Raigad, Pin-410 207



4. The certificate will be issued within 7 days' time – once the student clears all examinations.

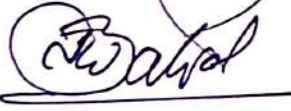
**The Responsibilities of Training Partner:**

1. Aptech Learning Centre, Panvel will impart expert lectures to upgrade the knowledge of students as per industry needs. They will also provide career guidance in the relevant field which will help the students to understand the needs of industry and skills needed to fulfil those needs and demands, thus bridging the gap between academia and industry.
2. As per needs Aptech Learning Centre, Panvel will conduct Short Term Skill-Based Training Programs for the students of 'PHCET'
3. Students would be receiving all relevant certificates as per the type of engagement with Aptech Learning Centre, Panvel

Renewal after completing the MoU period it renewal will be totally based on the level of satisfaction and mutual understanding.

**Revenue Sharing:** The revenue sharing in percentage, between two parties will be decided as and when required with mutual consent of the parties.

Authorized Signatory



**Dr. J. W. Bakal**  
Principal  
Mahatma Education Society's  
Pillai HOC college of Engineering and Technology,  
Rasayani, Raigad

Authorized Signatory



**Anuja Patil Sakolkar**  
Director  
Aptech Learning Centre,  
Panvel

Witness:

- 1) Ms. Robini Bhosale
- 2) Mr. Abhijeet More



**PRINCIPAL**

Mahatma Education Society's  
Pillai HOC College of  
Engineering and Technology.

Pillai's HOC Educational Campus  
Rasayani, Tal. Khalepur  
Dist. Raigad, Pin-410 207



Mahatma Education Society's

Inst. Code : EN- 3223 / ME - 3223

## PILLAI HOC COLLEGE OF ENGINEERING & TECHNOLOGY

Pillai HOCL Educational Campus, HOC Colony, Rasayani, Via. Panvel, Dist. Raigad. Pin 410207

Tel : 02192 - 252005 / 250066 Fax : 02192 - 252067

Website : [www.phcet.ac.in](http://www.phcet.ac.in) Email : [principal.phcet@mes.ac.in](mailto:principal.phcet@mes.ac.in)

Approved by AICTE, DTE, Government of Maharashtra and Affiliated to the University of Mumbai

### MEMORANDUM OF UNDERSTANDING

BETWEEN

Pillai HOC College Of Engineering & Technology, Khalapur, HOC Colony Rd, Taluka, Rasayani,  
Maharashtra 410207, INDIA

&

Teleman Institute of Wireless Technologies Pvt. Ltd.  
102, Siddharth Tower, 2nd Floor, Next to Post Office, Opp Thane Railway Station, Thane-West  
Maharashtra, Pincode: 400601.

The MOU is signed between Teleman Institute of Wireless Technologies Pvt. Ltd. and Pillai HOC College Of Engineering & Technology, Khalapur, HOC Colony Rd, Taluka, Rasayani on this day of 6TH JUNE 2019 and holds good up to 3-years (that is till 5TH JUNE 2022).

Teleman Institute of Wireless technologies Pvt. Ltd. (henceforth referred as Teleman), provides training in Telecom Technologies , Telecom Active and Passive Infrastructure, Data Science, Mobile Application Development Training and would like to associate with Pillai HOC College Of Engineering & Technology (hence forth referred as PHCET), for offering Projects, Training & Internship.

This MOU shall be mutually beneficial to Teleman and PHCET for strengthening active interaction with Telecom Industry & Institute

#### Areas of mutual cooperation will include:

1. Training and hands on labs by Teleman for Telecom Training (TCTP Course) based on mutually agreeable terms & conditions every year.
2. Students who will complete the Telecom Training (TCTP Course) will receive Certificate from Teleman and placement assistance.
3. Teleman consents to offer the expertise of its faculty members in all Telecom Technology and related areas.

#### Ethical Duties and Confidentiality:

- a. During the contract period with the department, Teleman expert trainers will work with high standards of training efficiency. Cooperation from the departments is also very much required to make the training program successful.
- b. Both the organizations should maintain high confidentiality of the training communication and any other matters related to the above assignment.
- c. The department should provide infrastructure facilities like class rooms, audio visual equipment (if required) and office personnel to enable Teleman to conduct Training smoothly. Teleman assures that various resources will be handled with utmost honesty and professional ethics.

**PRINCIPAL**

Mahatma Education Society's

Pillai HOC College of  
Engineering and Technology.

Pillai's HOC Educational Campus

Rasayani, Tal. Khalapur

Dist. Raigad. Pin-410 207

- d. The MOU can be reviewed/ renewed at the end of the contract for further assignments.

## Training Methodology:

- The course will be Instructor-led using PowerPoint.
- Online Tests will be conducted at regular intervals and the comfort level of all the candidates on the topics would be assessed. This would help in ensuring that the program objectives are met while going ahead for the next module.
- Feedback will be taken at the end of complete training & copy will be provided to you for your reference.
- Certificate will be issued within a 15 days time – once student clears all examination.

## Training location and schedule

- This program will be conducted at Teleman Thane centre.(102, Siddharth Tower, 2nd Floor, Next to Post Office, Opp Thane Railway Station, Thane-West, Maharashtra, Pincode: 400601.)
- Each batch would be of 2.30 HRS (10.30 am to 1.00 pm) , MON-FRI, 2 MONTHS, DURATION- 150 HRS
- Batch will be planned after mutual discussion
- **ADMISSION DATE: 8TH JUNE , BATCH STARTS - 12TH JUNE-2019, WED**

## Certification:

**Student to be eligible for TCTP Certification once they pass below examinations**

1. Module 1: 100 Marks (MCQ's) + Viva
2. Module 2: 100 Marks (MCQ's) + Viva
3. Module 3: 100 Marks (MCQ's) + Viva
4. Module 4: 100 Marks (MCQ's) + Viva
5. Module 5: 100 Marks (MCQ's) + Viva

**Mode of Examination:** Online

Re-exam fees will be - Rs. 150 /- for TCTP Course

**Training Contents :** As per attached PROSPECTUS

**Post Training Support:**

Teleman will organize placement assistance as per Teleman's placement policy visit

<https://teleman.in/placement-policy/>.

**Standard Fees of TCTP Course ( inclusive of 18% GST):**

Lumpsum: 38400

Installment: 40400/- (20200X2)

**Fee Structure :**

Payment Option 1: Lumpsum

No. of Admission	Standard Fees (Inc.18% GST)	Discounted Fees(Inc.18% GST)
10 STUDENTS AND ABOVE	38400 (LUMPSUM)	27000
NOTE: FEMALE CANDIDATES WILL PAY ONLY 50% FEES AT START REST 50% THEY WILL PAY ONLY IF THEY RECEIVE PLACEMENTS FROM TELEMAN		

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Pillai HOC College of Engineering and Technology

Pillai's HOC Educational Campus

Rasayani, Tal. Khalepur

Dist. Raigad, Maharashtra

**DISCOUNTED FEES IS ONLY APPLICABLE IF STUDENTS JOIN IN GROUP IN ABOVE MENTIONED BATCH.**

**Lead Time: 1 WEEK**

**Payment terms:**

- Fees to be paid as per payment option one week in advance of batch start date.
- 10% of fees received excluding GST will be paid to Pillai HOC College Of Engineering & Technology as MANAGEMENT FEES.
- Cheques/Drafts to be issued in favor of "Teleman Thane Academic Centre" payable at Mumbai.
- Fees are not refundable in any circumstances.

All interaction will be via email in case of Teleman it will be rakesh@teleman.in

**I. Termination of contract:**

- a. This contract will be terminated based on the consensus of both the PHCET Department and Teleman
- b. The parties agree that provisions contained in the MOU do not create any legal obligations between the parties.

FOR

Pillai HOC College Of Engineering & Technology, Khalapur, HOC Colony Rd, Taluka, Rasayani,



Principal

FOR

Teleman Institute of Wireless technologies Pvt. Ltd.

for 

Mr. Sunder V.

Director



Address: 1st Floor, Rajput House, Gokhale Road,

Naupada, Thane West, 400602

022-2537 6408 / 25391855

[www.teleman.in](http://www.teleman.in) | Email: [info@teleman.in](mailto:info@teleman.in)



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Dist. Raigad, Pin-410 207



# Geh Research

Patent the world of Business  
Dr.B.K Sarkar

AAE-4645-GEH RESEARCH



## MEMORANDUM OF UNDERSTANDING (MoU)

BETWEEN

Pillai HOC College of Engineering and Technology, Rasayani, Raigad,  
India, under University of Mumbai

And

Add-1: GEH Research LLP having its office at Flat No. A104, Adiraj Cluster Society, Sr No:  
262/3, Bhugaon, Bhugaon, Pune, Maharashtra, India.

Add-2: GEH RESEARCH, A-19-21, IHONBASHIHAKOZAKICHŌ, CHŪŌ-KU, TŌKYŌ-TO-  
103-0015, JAPAN

Add-3: GEH RESEARCH, E-101 KITCHAWAN RD, YORKTOWN HEIGHTS, NY 10598,  
UNITED STATES

Add-4: GEH RESEARCH, B-2/45, UL. A. KRĘGLEWSKIEGO 11, 61-248-2 POZNAŃ,  
POLAND

Add-5: GEH RESEARCH, G-12, LAVELLE ROAD, BENGALURU, KARNATAKA-560001,  
INDIA

Add-6: GEH RESEARCH, 34/09-A, GESCHWISTER-SCHOLL-STRASSE 7, D-39307 GENTHIN,  
GERMANY

E-mail:gehresearch22@gmail.com, dr.bksarkar2003@yahoo.in

Mo no: +81 3-6832-6050, +48 61 667 48 92, +1 914-945-3080,

+91- 8059794469, +49 4194 9881988, www: gehresearch.com

FOR

Establishing Collaborative work to process |Patents|, |Books  
Publication USA| |Awards| |Research Papers| Related services.

From 04<sup>th</sup> October 2021 to 03<sup>rd</sup> October 2026.

04/10/2021

DR. J.W. BAKAL  
Principal

Prof. (Dr). R. Singh  
(President Geh Research)



GEH RESEARCH, A-19-21, IHONBASHIHAKOZAKICHŌ, CHŪŌ-KU, TŌKYŌ-TO-103-0015, JAPAN  
GEH RESEARCH, E-101 KITCHAWAN RD, YORKTOWN HEIGHTS, NY 10598, UNITED STATES  
GEH RESEARCH, P-301, 27 KING'S COLLEGE CIRCLE, TORONTO, ONTARIO M5S 1A1 CANADA.  
GEH RESEARCH, B-2/45, UL. A. KRĘGLEWSKIEGO 11, 61-248-2 POZNAŃ, POLAND  
GEH RESEARCH, G-12, LAVELLE ROAD, BENGALURU, KARNATAKA-560001, INDIA  
GEH RESEARCH, 34/09-A, GESCHWISTER-SCHOLL-STRASSE 7, D-39307 GENTHIN, GERMANY

E-mail:gehresearch22@gmail.com, Mo no: +81 3-6832-6050, +48 61 667 48 92,

+1 914-945-3080, +91- 8059794469, +49 4194 9881988, www: gehresearch.com

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Pillai's HOC Educational Campus

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Dist. Raigad. Pin-410 207



महाराष्ट्र MAHARASHTRA

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ZY 737058



उप कोषागार कार्यालय, उल्हासनगर  
मुद्रांक पुरवठा दिनांक

4 MAR 2022

उप कोषागार अधिकारी, उल्हासनगर

7 MAR 2022

MEMORANDUM OF UNDERSTANDING  
BETWEEN

Pillai HOC College Of Engineering & Technology, Khalapur, HOC Colony Rd, Taluka, Rasayani,  
Maharashtra 410207,INDIA

&

Bloomzen Pvt. Ltd.

201, Z4/B, Shashwat Park, Badlapur (W), Tal: Ambernath, Dist: Thane Maharashtra, Pin code:  
421503

The MOU is signed between Bloomzen Pvt. Ltd. and Pillai HOC College Of Engineering & Technology, Khalapur, HOC Colony Rd, Taluka, Rasayani on this day of 2<sup>nd</sup> March 2022 and holds good up to 3 -years (that is till 2<sup>nd</sup> March 2025).

Pillai HOC College of Engineering and Technology and the Bloomzen Infosolutions Pvt. Ltd. are hereinafter individually referred to as a Party and collectively as the Parties.

Bloomzen Pvt. Ltd. provides training in Information Technology and would like to associate with Pillai HOC College of Engineering & Technology (henceforth referred to as PHCET), for offering Projects, Training Programs & Internships.

This MOU shall be mutually beneficial to Bloomzen Pvt Ltd. and PHCET for strengthening active interaction with IT Industry & Institute.

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Pillai HOC College of  
Engineering and Technology,  
Pillai's HOC Educational Campus  
Rasayani, Tal: Khalapur  
Dist. Raigad, Pin-410 207

**Areas of mutual cooperation will include:**

1. Training and hands-on labs by Bloomzen\_ Training Course based on mutually agreeable terms & conditions every year.
2. Students who will complete the course will receive a Certificate from Bloomzen and placement assistance.
3. Bloomzen consents to offer the expertise of its faculty members in all Telecom Technology and related areas.
4. 2nd Year 3rd Year Semester students can do the course as an internship as per TSSC -AICTE MOU & association of Bloomzen.

**I. Ethical Duties and Confidentiality:**

- a. During the contract period with the department, expert trainers will work with high standards of training efficiency. Cooperation from the departments is also very much required to make the training program successful.
- b. Both the organizations should maintain high confidentiality of the training communication and any other matters related to the above assignment.
- c. The department should provide infrastructure facilities like classrooms, audiovisual equipment (if required) and office personnel to enable Bloomzen to conduct Training smoothly. Bloomzen assures that various resources will be handled with utmost honesty and professional ethics.
- d. PHCET will provide the prerequisite infrastructure like lab(s) with Computers, LCD Projector(s), internet and a complete set of equipment needed for gaining practical and theoretical knowledge in the field of Bachelor of Engineering and Diploma of Engineering. The teaching of the above courses would be carried out by well-qualified staff as per norms of AICTE, DTE, UGC, and MSBTE.
- e. PHCET will arrange the hospitality and stay facility of the training recourse person(s) in case of the offline session.
- f. PHCET will help in planning the training schedule, course promotion among the students, inspiring them to join the training session to ensure the fulfilment of the minimum batch size.
- g. The MOU can be reviewed/ renewed at the end of the contract for further assignments.

**Training Methodology:**

- The course will be Instructor-led using PowerPoint.
- Online Tests will be conducted at regular intervals and the comfort level of all the candidates on the topics would be assessed. This would help in ensuring that the program objectives are met while going ahead with the next module.
- Feedback will be taken at the end of complete training & copy will be provided to you for your reference.
- The certificate will be issued within 7 days' time – once the student clears all examinations.



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## The Responsibilities of Training Partner

1. BIPL will impart expert lectures to upgrade the knowledge of students as per industry needs. They will also provide career guidance in the relevant field which will help the students to understand the needs of industry and skills needed to fulfil those needs and demands, thus bridging the gap between academia and industry.

2. As per needs BIPL will conduct Short Term Skill-Based Training Programs for the students of 'PHCET


3. BIPL will extend their cooperation in providing opportunities for live / Demo projects to the students as per their needs.

4. BIPL would provide an internship with or without stipend and upon successful completion of internship can provide Job opportunity as per suitable vacancies in their organization within the framework of the recruitment procedure

5. Students would be receiving all relevant certificates as per the type of engagement with BIPL

Renewal after completing the MoU period it renewal will be totally based on the level of satisfaction and mutual understanding.

Authorized Signatory

  
CDR. J. W. BAKAL  
Principal



Mahatma Education Society's

Pillai HOC college of Engineering and Technology,

Rasayani, Raigad

Witness:

1) Dr. Divya Chirayil   
2)

Authorized Signatory

  
MD., CEO

Bloomzen Infosolutions Pvt Ltd,

Badlapur (W), Dist. Thane



**PRINCIPAL**

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Pillai's HOC Educational Campus

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Dist. Raigad, Pin-410 207



Ref. no. BIPL/PHOC/MoU/RS/0820003222/57

Date: March 7th 2022.

To,

**The Principal**

**Dr. J. W. Bakal**

Pillai HOC College Of Engineering & Technology,  
Khalapur, HOC Colony Rd, Taluka, Rasayani,  
Maharashtra 410207

**Subject: Declaration on revenue sharing.**

**Respected Sir,**

This is regards to the above mentioned subject; we would like to declare the revenue sharing pattern between Bloomzen Infosolutions Pvt Ltd. (Training Partner) & Pillai HOC College Of Engineering & Technology (PHCET).

**Revenue sharing on NET Collection of fees will be as below:**

	Online Mode	Offline Mode
PHCET	20%	25%
Bloomzen	80%	75%

Agreed and Accepted

Authorized Signatory



CDR J. W. BAKAL  
Principal

Mahatma Education Society's

Pillai HOC college of Engineering and Technology,

Rasayani, Raigad

Witness:

1

Authorized Signatory



MD., CEO

Bloomzen Infosolutions Pvt Ltd,

Badlapur (W), Dist. Thane

Registered Office: 201, z4/B, Shshawat Park,  
Valiyah, Badlapur (W), Tal. Ambernath, Dist. Thane - 421503

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Dist. Raigad. Pin-410 207



महाराष्ट्र MAHARASHTRA

2022

22AA 532204

जोड़ पत्र - २/Annexure-II

61085

दिनांक 20/02/2023

पुत्रांक विक्री नोंद अनुक्रमांक

दस्ताचा प्रकार

करीर

दस्त नोंदणी करणार आहेत का - होय/ना

पिढकतीचा वर्ग

पुत्रांक विक्रीत घेणा-याचे नांव व पत्ती

महान्ना

राज्यकेशन

सोसा

दुस-या पक्षकाराचे नांव

ना पलवेल

हस्त उपलब्धता तारीख

शेकरा

काठाडा

पुत्रांक शुल्क रक्कम

100/-

श्री. सुनिल विठ्ठल परदेशी

परवाना पुत्रांक जिणेसाठी घेतलेल्या पुत्रांक

पुत्रांक विक्रीत घेणे

श्री. सुनिल विठ्ठल परदेशी

पुत्रांक, अनुक्रमांक - 61085

या कारणासाठी ज्याचा पुत्रांक खरीदला गेला त्याची त्याच कारणासाठी पुत्रांक खरीदणे केल्याबाबत ६ पट्टीत द्यावा बंधन

16 FEB 2023  
उप कोषागार अधिकारी  
पुनवेल रायगड

*Rekhale*

*[Signature]*



Memorandum of Understanding  
Between

PILLAI HOC COLLEGE OF ENGINEERING AND TECHONOLGY, RASAYANI  
And

M/s. UTPNN GREENTECH PRIVATE LIMITED, NAVI MUMBAI

Purpose:

This Memorandum of Understanding (MOU) established a co-operative relationship between the PILLAI HOC COLLEGE OF ENGINEERING AND TECHNOLOGY (PHCET), RASAYANI and the UTPNN

GREENTECH PRIVATE LIMITED, Navi Mumbai.

Meheta Education Society's  
Pillai's HOC College of  
Engineering and Technology,  
Pillai's HOC Educational Campus,  
Rasayani, Tal. Khelepu,  
Dist. Raigad, Pin-410 207

*[Signature]*

*[Signature]*



Under this MOU, PHCET and UTPNN GREENTECH PRIVATE LIMITED will establish mutually beneficial links between PHCET and UTPNN GREENTECH PRIVATE LIMITED with the aim of handling research activities to achieve excellence in teaching and industry benefits.

### **Pillai HOC College of Engineering and Technology (PHCET), Rasayani**

The MES group after establishing its name in the field of education with the experience of around 50 years, ventured into the field of Engineering education with the establishment of Pillai HOC College of Engineering and Technology (PHCET) in the year 2009 at Rasayani. PHCET offers both undergraduate (Bachelor of Engineering) and postgraduate (Master in Engineering) programs and PhD programs in Civil & Computer Engineering. Institute Accredited with an 'A' grade by NAAC in First Cycle from A.Y. 2019. Two UG Programs viz. Computer Engineering and Mechanical Engineering have been reaccredited by the NBA for three years i.e. up to 2023

### **UTPNN GREENTECH PRIVATE LIMITED, KAMOTHE, NAVI MUMBAI:**

- UTPNN GREENTECH PRIVATE LIMITED having registered office at Office No. 101, Haware Nirmiti 4A building, Sec-22, Kamothe, Navi Mumbai is an Emerging Technology Engineering Startup company based in Navi Mumbai, India registered on 18-Jan-22 and its commercial operations started from 15-Mar-22.
- Company's Team consists of Industry experts of Power, Infrastructure, Heavy Machinery, Banking & Finance with 15+yrs experience.
- UTPNN GREENTECH PRIVATE LIMITED offers world-class engineering, procurement and construction (EPC) services for Emerging Technology Projects.
- UTPNN GREENTECH PRIVATE LIMITED is into the business of Green Hydrogen Technology and offers EPC of Green Hydrogen Production Plants, LH2 & GH2 Refueling Stations, FCEV (Fuel Cell Electric Vehicles) design & engineering, Renewable Energy Plants Engineering & Construction, Fuel Cells for Power Supply.

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Dist. Raigad, Pin-410 207



- UTPNN GREENTECH PRIVATE LIMITED also provides engineering services for manufacturing & product development of components used in Emerging Technologies.
- UTPNN GREENTECH PRIVATE LIMITED also provides Design & Engineering, supply & construction services for Balance of Plant systems like Water Treatment Plants, HVAC Systems, Compressed Air & Gas Systems, Fire Fighting systems, Construction Materials Supply, Cryogenic Systems etc.

#### **UTPNN GREENTECH PRIVATE LIMITED has following aims:**

- Focus is to become world leader in Emerging Technologies- Hydrogen Technologies, Hydrogen-Mobility, Renewable Energy, Agritech, SaaS, Cryogenics etc.
- Become one of the largest producers of GREEN HYDROGEN - Solar & Wind + Electrolysis/Biofuel Hydrogen Generation Plants.
- Develop Manufacturing & Supply of components & equipment used in Emerging Technologies like Renewable Energy, Hydrogen Technology, Electric Vehicles, Fuel Cells, Fuel Cell Electric Vehicles etc. in India.
- Design & Engineering & High Precision Manufacturing of Components used in critical applications.
- Develop Net Zero Emission Technologies for transition to cleaner & green Fuels.

#### **Common Interests and Agreement:**

After studying the objectives of each other, UTPNN GREENTECH PRIVATE LIMITED and Pillai Hoc College of Engineering And Technology (PHCET), Rasayani agreed that they can share the expertise available at both ends for mutual benefits in the field of education, training and industrial research and consultancy and enter an MOU. Based on discussion held among the faculties of Pillai HOC College of Engineering And Technology (PHCET), Rasayani and Director of UTPNN GREENTECH PRIVATE LIMITED of are certain programs have been indentified for mutual collaboration such as:

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- Organize Industry visit for students.
- Organize Placement for students.
- Organize joint programs such as STTP, Conference, Publications and Consultancy etc.
- Organize Industry Training Programs for undergraduate students.
- Pillai College of Engineering & UTPNN GREENTECH PRIVATE LIMITED agree that Commercial Rights, Revenue generated, Claims, Royalty, Patents (as per Indian Patents Act 2002), Copyrights, Intellectual Property Rights, Invention, Discovery rights shall be with UTPNN GREENTECH PRIVATE LIMITED for Projects, Products, Systems, Designs, Research reports/papers, Studies, Calculations, Analysis, Patents developed & Published jointly by UTPNN GREENTECH PRIVATE LIMITED & students/faculty of Pillai College of Engineering.
- Patents can be jointly applied by UTPNN GREENTECH PRIVATE LIMITED & Pillai College of Engineering; all the above stated rights & claims shall be with UTPNN GREENTECH PRIVATE LIMITED. If students are involved in the research work, then students' names can be added in inventors along with UTPNN GREENTECH PRIVATE LIMITED & its employees subjected to efforts put up by students of Pillai College of Engineering in completing the given tasks, deliverables & research work.
- Research Papers shall be applied through UTPNN GREENTECH PRIVATE LIMITED & author credits shall be given to UTPNN GREENTECH PRIVATE LIMITED company and its employees, Pillai HOC College of Engineering and Technology Faculty & students who are working on the Project/Research report.
- Prior approval & approval on final draft of research paper shall be taken from UTPNN GREENTECH PRIVATE LIMITED before publishing any research papers by students & faculty.
- Research lab for performing experiments, research analysis, testing & prototype building shall be UTPNN GREENTECH PRIVATE LIMITED offices & labs of Pillai College of Engineering. Softwares necessary for CAD/CAE required for doing design analysis & simulation shall be Softwares available with our company & Pillai HOC College of Engineering And Technology (PHCET),

Rasayan PRINCIPAL

Mahatma Education Society  
Pillai HOC College of  
Engineering and Technology.

Pillai's HOC Educational Campus  
Rasayan, Tal. Khelepur  
Dist. Raigad, Pin-410 207



- Non-disclosure & confidentiality agreement- Students & faculty of Pillai HOC College of Engineering And Technology (PHCET), Rasayani shall sign Non-disclosure & confidentiality agreement with UTPNN GREENTECH PRIVATE LIMITED for avoiding leakage of technical & confidential information to external sources.

### Effective Date and Administrations:

This MOU will become effective upon signature by Director, Ms. Rachana Dighe of UTPNN GREENTECH PRIVATE LIMITED and Principal, Dr. J.W. Bakal from Pillai HOC College of Engineering And Technology (PHCET), Rasayani

IT MAY BE MODIFIED OR AMENDED BY written agreement between the parties, and such amendments shall of, and shall be attached to this MOU. This MOU shall terminate of the parties. It may be terminated at any time by either of the organization, upon 90-day written notice to the other. Its provision will be reviewed annually and amended/ supplemented as may be mutually agreed upon in writing.

**Dr. Jagdish W. Bakal**  
**Principal**

Pillai HOC College of Engineering and  
Technology (PHCET),  
Khalapur, HOC Colony Rd, Taluka, Rasayani,  
Maharashtra 410207

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Mahatma Education Society's  
Pillai HOC College of Engineering  
& Technology, Pillai HOCL Educational  
Campus, Rasayani, Taluka Khalapur,  
Dist. Raigad, Pin. - 410 207.

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Engineering and Technology,  
Pillai's HOC Educational Campus  
Rasayani, Tal. Khalapur  
Dist. Raigad, Pin-410 207



**Ms. Rachana Dighe**  
**Director**

UTPNN GREENTECH PVT. LTD.,  
Office No. 101,  
Haware Nirmitti 4A building, Sec-22,  
Kamothe, Navi Mumbai

For UTPNN GREENTECH PVT. LTD.

**RACHANA BALIRAM DIGHE**  
**DIRECTOR**  
DIN NO:- 09471538



## MEMORANDUM OF UNDERSTANDING

THIS MEMORANDUM OF UNDERSTANDING (MOU) is made

Between

**Rashtriya Chemicals and Fertilizers Ltd.**, a Govt of India Undertaking and incorporated under the Companies Act, 1956, having its Registered Office at Priyadarshini Building, Eastern Express Highway, Sion, Mumbai -400 022, (hereinafter referred to as "RCF", which expression shall, unless repugnant to the context or meaning hereof, be deemed to include its successors and permitted assigns) of the **ONE PART**.

AND

**"Pillai HOC College of Engineering and Technology, Rasayani"** is AICTE approved (Institute permanent ID: 1-6758589) having the affiliation with (The University of Mumbai registered (Reg. No.0822) under AICTE and having its registered office Pillai HOCL Educational Campus, Rasayani, Tal. Khalapur. Dist. Raigadh, Pin 410207, Maharashtra, represented by **Dr. J.W.Bakal** its authorized signatory (hereinafter referred to as the **PHCET**, which expression shall, unless repugnant to the context or meaning hereof, be deemed to include its executors, trustees and permitted assigns) of the **OTHER PART**

### WHEREAS:

"RCF" is engaged in the business of manufacturing and marketing of Fertilizer and Industrial products throughout the country, through its Retail Outlet dealer network

"PHCET" approached "RCF" and expressed its intent to work together to impart employment oriented skills training for students of the **PHCET**.

RCF expressed its intent to provide hands on practical training to its students with the guidance and assistance of experts from RCF and **PHCET** in the mutual benefit of both the organizations as well as students.



A handwritten signature in green ink, appearing to be the name "Dr. J.W. Bakal", is written over a horizontal line.

"RCF" considering the intent of "PHCET" and in fulfillment of the social need to train the students with practical experience has agreed to work jointly to enhance the skill of the students of "PHCET".

This MOU between RCF and PHCET is with specific purpose of industrial operation and maintenance exposure with the students to help them acquainted with the needs of the industry and helps them in employability.

#### NOW THIS MOU WITNESSETH AS UNDER:

The MOU between RCF and PHCET witnessed as per terms and conditions set forth hereunder:

- 1. Training/Internship** for various courses for students in different educational streams. It is explicitly understood that the MoU is limited only for the students of PHCET at RCF premises.
2. This MoU will be valid for a period of one year from the date of signing of the MoU and shall be renewed on any such terms as may be mutually agreed between the parties.
3. Student's profile and Batch Size: All students attending the training programme have to have the following criteria:
  - College identity card
  - Aadhar Card.
  - Number of students per batch shall be about 20 to 30. Minimum two teaching staff members of PHCET shall accompany the students during the training programme.

#### 4. The scope of RCF is as mentioned below:

Students may be exposed to the practical industrial training for following points as per training requirement:

- 4.1 Advanced Process operation in Chemical Industry
- 4.2 Advanced Automation System, digital communication protocols and wireless devices
- 4.3 Advanced Electrical Systems and Best Maintenance practices in industry
- 4.4 Advanced Mechanical Equipments and Best Maintenance practices in industry
- 4.5 Any other customized content programme in the scope of RCF



A handwritten signature in green ink, appearing to be "E. V. Patil", is written over a horizontal line.



5. **PHCET** and **RCF** covenant with each other that there shall be no hands on training in running plants and no disturbance to be caused to running plants by the students.

**6. Safety and Security norms:**

The students shall be required to observe safety precautions and rules of the company. The students will have to strictly follow the instructions of the official of the company. They should not visit the plant without instructions and permission. For any incident/accident, the students of **PHCET** shall be solely responsible and **RCF** will not be liable for the same, or for any injury suffered.

7. **RCF** covenants that accommodation shall be provided subject to availability by **RCF - Chembur** in their hostel at the prevailing rates and the same to be recovered from **PHCET** by **RCF - Chembur**. **PHCET** shall be responsible for the payments to be made by the students for the hostel facilities availed by them. **RCF** shall not be responsible for the safety of student and it shall be the sole responsibility of the students.

**8. Commercial terms and conditions:**

- i. **PHCET** shall intimate **RCF - Chembur** the names of the Students for training and the mutually decide the date of training programme through Email to **RCF - Chembur** office prior one week.
- ii. **RCF - Chembur** will submit the certificate to students of **PHCET** on completion of training.
- iii. **RCF - Chembur** will not collect any training fees from the students in any manner whatsoever in connection of this Training Agreement. All such fees/charges shall be collected in advance from **PHCET** only.
- iv. **PHCET** shall pay training charges to **RCF - Chembur** as below-
  - a. The training charges for students will be ₹ 2500/- per participant per day (Non-residential) + GST as applicable.

The rates offered above shall be valid for a period of one year.

- v. Training charges includes training programme kit, mid-morning breakfast, lunch and tea during training sessions. Dinner and other food charges will be paid by students to catering service provider at actuals.



A handwritten signature in green ink, appearing to be the name "S. S. S.", is written over a horizontal line.

## **9. Termination**

Either party reserves the right to terminate this MOU with a written notice of not less than 30 days.

## **10. Jurisdiction:**

The MOU shall be governed by and constructed according to the laws in force in India. The parties hereby submit to the exclusive jurisdiction of the Courts situated at Mumbai for all purposes.

## **11. Amendments**

Either party may, with the prior intimation to the other, and with the prior written consent of the other party may amend, reduce, limit and/or expand the scope of the work based on the mutually agreed terms & conditions, with a prior written notice of not less than 30 days.

## **12. Arbitration**

### **13. In case of Govt. Organization:**

"In the event of any dispute or difference relating to the interpretation and application of the provisions of commercial contract(s) between Central Public Sector Enterprises (CPSEs)/ Port Trusts inter se and also between CPSEs and Government Departments/ Organizations (excluding disputes concerning Railways, Income Tax, Customs & Excise Departments), such dispute or difference shall be taken up by either party for resolution through AMRCD as mentioned in DPE OM No. 4(1)/2013-DPE(GM)/FTS-1835 dated 22-05-2018".

### **14. In case of Private Organization:**

All disputes or differences, whatsoever, arising between the parties out of or relating to the construction meaning and operation or effect of this contract or breach thereof which remains unresolved for a period of more than 30 days from the date of written request from one of the party, the matter shall be referred to the sole arbitrator agreed upon between the parties or failing upon such agreement, to be nominated under the provision of the Arbitration and Conciliation Act, 1996 as amended from time to time.



The decision or award so given by the sole Arbitrator shall be final and binding on the parties. The Venue of the arbitration shall be at Mumbai. The language of the arbitration shall be in English.

### **15. Force Majeure**

Neither party will be liable to the other for non-performance of this Memorandum or any part thereof due to Force Majeure conditions. Force Majeure includes (but is not limited to) Acts of Gods, breakdown of Communication system, Equipment, labor disputes, Fire, Floods, explosions, Acts of sabotage or terrorism, War, Riots & any other circumstances, (natural and/or otherwise) beyond the control of the party.

### **16. Relations between the Parties:**

Subject to the terms and conditions of this MOU, the Party of the other part shall act as an independent entity and nothing in the MOU shall create or be deemed to create a partnership or relationship of principal/agent, employer/employee or joint-venture between the Parties and the relationship between RCF and the **Institute** is that of Principal to Principal basis. The Party of the other part is not authorized to assume or create any obligation or responsibility, including, but not limited to, obligations based on warranties or guarantees or other contractual obligations, on behalf or in the name of the RCF.

### **17. CONFIDENTIALITY**

The Parties, to the extent of their respective rights to do so, shall exchange such information and data as is reasonably required by each Party to perform its obligations and responsibilities under this Agreement. Each Party agrees to keep in confidence and to use the same degree of care as would do with respect to its own proprietary data to prevent disclosure to third parties of all technical information, data and confidential business information

### **18. Notices**

Any notice to be given under this MOU shall be in writing and shall be deemed to have been duly and properly served upon the parties hereto if delivered against acknowledgement of by Registered mail with acknowledgement due, addressed to the parties herein at the following addresses or changed addresses, duly notified by the Parties. Any notice transmitted by fax or other form of recorded communication shall be deemed given and received on the first business day after its transmission.



**EFFECTIVE DATE**

This MOU is effective from the Date of Signing of this MOU till 15<sup>th</sup> Day of ~~March~~ <sup>June</sup> 2023. *June 16/6/2022*

IN WITNESS WHEREOF the authorized representatives of the parties have set their respective hands on the 16<sup>th</sup> Day of ~~March~~ <sup>June</sup> 2022. *June 16/6/2022*

*16/6/2022*

(Shri S.C. Gajbhiye)  
General Manager (HRD)  
Rashtriya Chemicals and  
Fertilizers Limited

एस. सी. गजभिये  
S. C. Gajbhiye  
महा प्रबंधक (मा. सं. वि.)  
General Manager (HRD)  
राष्ट्रीय केमिकल्स एण्ड फर्टिलाइजर्स लिमिटेड  
Rashtriya Chemicals and Fertilizers Limited

*16/6/2022*

*16/6/2022*

**PRINCIPAL**

Mahatma Education Society's  
Pillai HOC College of  
Engineering and Technology,  
Pillai's HOC Educational Campus  
Rasayani, Tal. Khalapur  
Dist. Raigad, Pin-410 207

Dr. J.W. Bakal  
Principal

Pillai HOC college of Engineering  
and Technology, Rasayani

**PRINCIPAL**  
Mahatma Education Society's  
Pillai HOC College of  
Engineering and Technology,  
Pillai's HOC Educational Campus  
Rasayani, Tal. Khalapur,  
Dist. Raigad, Pin-410 207





महाराष्ट्र MAHARASHTRA

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ZS 004069

सुवर्णमय 1 दिनांक उपकोषागाराचे नांव-पन्नास, जि. रा. रा. रा.

23 AUG 2022



उप कोषागार अधिकारी ज्योती - रा. रा. रा.

*Minister*



क्रमांक / Serial No. - 26232  
 दिनांक / Date - 23/08/2022  
 गुणवत्ता विभाग, कोषागाराचे नांव - महात्मा एम्. ज्योती सेना  
 रजिस्ट्रारची कार्यालय - रा. रा. रा.  
 ह्या अर्थाने कोषागार हातून, रा. रा. रा.  
 कोषागाराच्या गुणवत्ता विभागाची कार्यालय - रा. रा. रा.  
 या अर्थाने कोषागार हातून, रा. रा. रा.  
 कोषागाराच्या गुणवत्ता विभागाची कार्यालय - रा. रा. रा.  
 कोषागाराच्या गुणवत्ता विभागाची कार्यालय - रा. रा. रा.

गिरीश तंडोळ

(श्री. सुविता विठ्ठल परदेशी)  
रा. रा. रा.

REU  
1116

### Memorandum of Understanding Between

**PILLAI HOC COLLEGE OF ENGINEERING AND TECHNOLOGY, RASAYANI, MAHARASHTRA**

And

**REU Engineering & Consulting, Kamothe, Maharashtra.**

#### Purpose:

This MEMORANDUM OF UNDERSTANDING (hereinafter referred to as "MoU") will serve as a written authenticated document with the consent of REU Engineering & Consulting, Kamothe, Maharashtra (hence forth referred as REU) & PILLAI HOC COLLEGE OF ENGINEERING AND TECHNOLOGY, RASAYANI, MAHARASHTRA (henceforth referred as PHCET).

*[Signature]*

**PRINCIPAL**

Mahatma Education Society's  
Pillai HOC College of  
Engineering and Technology,  
Pillai's HOC Educational Campus  
Rasayani, Tal. Khelepur  
Dist. Raigad, Pin-410 207

*[Signature]*

*[Signature]*



#### THE PARTIES:

(1) REU Engineering & Consulting, is an engineering consulting company situated Kamote, Navi Mumbai, Maharashtra. 410209.

(2) PILLAI HOC COLLEGE OF ENGINEERING AND TECHNOLOGY (PHCET) is accredited with an 'A' grade by NAAC in First Cycle from A.Y. 2019. Two UG Programs viz. Computer Engineering and Mechanical Engineering have been reaccredited by the NBA for three years i.e. up to 2023, is located in Rasayani, Maharashtra.

#### Common Interests and Agreement:

After studying the objectives of each other, REU Engineering & Consulting, Kamote (REU) and Pillai HOC College of Engineering And Technology (PHCET), Rasayani agreed that they can share the expertise available at both ends for mutual benefits in the field of education, training and industrial research and consultancy and enter an MOU. Based on discussion held among the faculties of Pillai HOC College of Engineering And Technology (PHCET), Rasayani and Director of REU Engineering & Consulting, Kamote (REU) of are certain programs have been identified for mutual collaboration such as:

- Organize Internship/Placement for students.
- Organize Industry Training Programs for undergraduate students.
- REU will provide expertise in engineering applications like Gas Handling Equipment, Gas Distribution Manifold, Gas Pressure Regulator, Cutting Torches, Nozzles & Pressure reducing system, Cylinder Manifold System.
- Patents can applied by PHCET; all the above stated rights & claims shall be with REU. If students are involved in the research work, then students' names can be added in

**PRINCIPAL**

Mahatma Education Society's  
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Engineering and Technology,  
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Rasayani, Tal. Khalepur  
Dist. Raigad, Pin-410 207



inventors along with REU & its employees subjected to efforts put up by students of PHCET in completing the given tasks, deliverables & research work.

- Research Papers shall be applied through REU & author credits shall be given to REU company and its employees, Pillai HOC College of Engineering and Technology Faculty & students who are working on the Project/Research report.
- Prior approval & approval on final draft of research paper shall be taken ISNEE before publishing any research papers by students & faculty.
- Research lab for performing experiments, research analysis, testing & prototype building shall be labs of PHCET. Softwares necessary for CAD/CAE required for doing design analysis & simulation shall be Softwares available with Pillai HOC College of Engineering And Technology (PHCET), Rasayani.
- Non-disclosure & confidentiality agreement- Students & faculty of Pillai HOC College of Engineering And Technology (PHCET), Rasayani shall sign Non-disclosure & confidentiality agreement with REU Engineering & Consulting (REU), for avoiding leakage of technical & confidential information to external sources.

**PRINCIPAL**

Mahatma Education Society's  
Pillai HOC College of  
Engineering and Technology.

Pillai's HOC Educational Campus  
Rasayani, Tal. Khelepur  
Dist. Raigad, Pin-410 207



### Effective Date and Administrations:

This MOU will become effective upon signature by Director, Mr. Rahul Ukey of REU Engineering & Consulting, Kamote and Principal, Dr. J.W. Bakal from Pillai HOC College of Engineering And Technology (PHCET), Rasayani, Maharashtra.

IT MAY BE MODIFIED OR AMENDED BY written agreement between the parties, and such amendments shall of, and shall be attached to this MOU. This MOU shall terminate of the parties. It may be terminated at any time by either of the organization, upon 90-day written notice to the other. Its provision will be reviewed annually and amended/ supplemented as may be mutually agreed upon in writing.

This MOU is effective from the Date of Signing of this MOU till Aug 2026. IN WITNESS WHERE OF the authorized representatives of the parties have set their respective hands on the 23rd day of Aug, 2022.

**Dr. Jagdish W. Bakal**  
**Principal**

Pillai HOC College of Engineering And  
Technology (PHCET),  
Khalapur, HOC Colony Rd, Taluk  
Rasayani, Maharashtra 410207



**Mr. Rahul Ukey**  
**Director**

Reg.Off:-302 Aditya Heights Plot  
No 52, Sec 10 Kamothe, Navi  
Mumbai, Maharashtra. 410209

**PRINCIPAL**

Mahatma Education Society's  
Pillai HOC College of  
Engineering and Technology.

Pillai's HOC Educational Campus  
Rasayani, Tal. Khalapur  
Dist. Raigad. Pin-410 207



REU Engineering & Consulting LLP

Regd. Office : 302, Aditya Heights, Plot No. 52, Sec. 10, Katsusha, Navi Mumbai 410209

Mobile: 9987092470, 9022265220; Email: rahulakrey@reu.co.in/rahulakrey2004@gmail.com; Web : http://reu.co.in

PAN NO.: AASFR5242B, LLP Identification Number: AAE-0508 GSTIN: 27AASFR5242B1Z5



Date: 23/8/2022

To,  
Dr. J. W. Bakal  
Principal,  
PHCET, Rasayani.

Sub: Collaboration for a project lab.

We are extremely excited and enthusiastic about our collaboration with PHCET, Rasayani. Our commitment to supporting the institution goes beyond mere words; it's a sincere dedication to helping them establish a state-of-the-art laboratory for students interested in establishing project lab.

At REU we firmly believe in nurturing the talents of tomorrow, and therefore, we are wholeheartedly committed to providing our expertise and engineering standard machine components, to fabricate in house final year projects at PHCET. This collaboration aims to equip these students with the skills, knowledge, and hands-on experience required to excel in the fast-evolving projects.

Looking forward for a long term relation.

For REU Engineering & Consulting LLP

Authorised Signatory



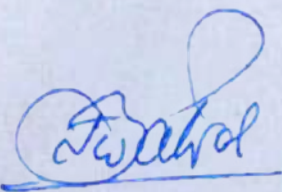
**PRINCIPAL**

Mahatma Education Society's  
Pillai HOC College of  
Engineering and Technology.

Pillai's HOC Educational Campus  
Rasayani, Tal. Khalapur  
Dist. Raigad, Pin-410 207

### Section – 1 Heavy Duty Motors

Sr. No.	PART DETAILS	QTY
1	1/12 HP Sewing M/C Motor. Make-Tanvi (With Speed Controller)	1
2	1/20 Reco Sewing Machine Motor	1
3	Motor With 90° O/P Shaft with Coupler Socket	1
4	Motor With 90° O/P Shaft	1
5	Motor With 90° Gear Mounted O/P Shaft (75 Rpm)	1
6	Unkermotoren Made Motor with DC Converter And 90° Sprocket Mounted Shaft	1
7	12 V DC Pull Type Motor 5.35 mm , F-S Kg MODEL NO- 1S 04/19/270	1
8	Unkermotoren Made Motor With DC Converter And 90° O/P Shaft (Wheel Attached)	1
9	Motor With F & R Switch Attached Make-Bharat Bijlee, Pully Mounted on Shaft	1
10	Motor With F & R Switch Attached and Shaft Mounted With Pully	1
11	Motor With Tibcon Capacitor Attached Externally, Pully Mounted On Shaft	1



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Pillai's HOC Educational Campus  
Rasayani, Tal. Khalepur  
Dist. Raigad, Pin-410 207

## Section – 2 Belts, Chains, Pulleys, Sprockets, Bearings, Shafts

Sr. No.	PART DETAILS	QTY
1	V- Belt MAKE – PIX – X' set A51/13x1300 Li	1
2	V- Belt MAKE – PIX – X' set A31/13x790 Li	1
3	V- Belt MAKE – GEMTEX	1
4	Chain, Pitch -07mm	1
5	V- Grooved Pulley Shaft dia - 25mm, Pulley dia - 200mm	1
6	V- Grooved Pulley Shaft dia - 23mm, Pulley dia - 360mm	1
7	V- Grooved Pulley Shaft dia - 25mm, Pulley dia - 75mm	2
8	Solid Shaft dia - 23mm Length - 500mm	2
9	Solid Shaft, Small dia - 20mm Big dia - 40mm, Length - 355mm	1
10	Solid Shaft, Small dia - 20mm Big dia - 30mm, Total Length - 217mm	2
11	Steering Wheel with 2 Bearings attached	1
12	Shaft with Sprocket Mounted, 2 Bearings attached	1
13	Bearings NIS , P-204 Hole dia - 20mm	6
14	Bearings, P-205 Hole dia - 25mm	4
15	V- Belt, PALY –F Plug, A 1810/A70	1
16	Chain, Pitch-13mm	1

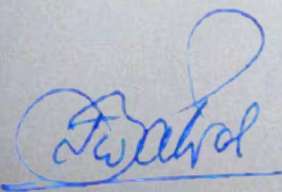
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Engineering and Technology.

Pillai's HOC Educational Campus  
Rasayani, Tal. Khalepur  
Dist. Raigad, Pin-410 207

Section – 3 Solar Panels, Other Electricals

Sr. No.	PART DETAILS	QTY
1	Solar Panel MAKE – SHUBH SOLAR Model no – SS0608	5
2	Solar Panel MAKE – WAREE	2
3	Exhaust Cooling Fan (Axial flow) MAKE - AE	1
4	Static Watt hour energy meter, MAKE – MAXWELL INDIA	1
5	AC- DC Adaptor (2 Pin) O/P -9V-1A	1
6	DC Adaptor (3 Pin) 12V-2A MAKE- TOYOTONE	1
7	Refrigerator Compressor Unit, with Copper Tubing attached and with heat exchanger (MAKE- GODREJ, No. 00008424)	1



PRINCIPAL



महाराष्ट्र MAHARASHTRA

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ZS 003798

23 AUG 2022

मुख्यालय दिल्ली  
अपडेटेड नॉन-जुडिशियल  
स्टॅम्प



उप कोषागार अधिकारी  
पन्डित - रायगड

*[Handwritten Signature]*

क्रमांक - 1 / Amount - 1  
कम रजिस्ट्रारकी

मुद्रांक क्रमांक / मुद्रांक संख्या: 25806 दिनांक 26/08/2022

मुद्रांक विवरण / केन्द्राधिकारी का नाम: भा. इन्डियेन मोटोर्स प्राइवेट लि.

रजिस्ट्रारकी फारम नं. चेक 2

हमें प्रमाणित करने के लिए, भला व सही रिपब्लिक दर्ज

हस्ताक्षर / मुद्रांक / मुद्रांक संख्या: (श्री. सुकित प्रियाल वर्मा)

मुद्रांक संख्या - 25806

यह प्रमाणित करने के लिए, भला व सही रिपब्लिक दर्ज

मुद्रांक संख्या - 25806

### Memorandum of Understanding Between

PILLAI HOC COLLEGE OF ENGINEERING AND TECHNOLOGY, RASAYANI,  
MAHARASHTRA

And

ISNEE MOTORSPORTS PRIVATE LIMITED, BIJNOR, UP.



#### Purpose:

This MEMORANDUM OF UNDERSTANDING (hereinafter referred to as "MoU") will serve us written authenticated document with the consent of ISNEE MOTORSPORTS Pvt. Ltd., BIJNOR, UP (hence forth referred as ISNEE) & PILLAI

*[Handwritten Signature]*

*[Handwritten Signature]*

*[Handwritten Signature]*

**PRINCIPAL**

Mahatma Education Society's  
Pillai HOC College of  
Engineering and Technology.

Pillai's HOC Educational Campus  
Rasayani, Tal. Khalepur  
Dist. Raigad, Pin-410 207



#### THE PARTIES:

(1) ISNEE RESEARCH AND DEVELOPMENT ORGANISATION (IRDO) governed by ISNEE Motorsports Pvt. Ltd. A registered company under MCA having office at H72, Dhobyian Ahrolla Road Basta Bijnor 246736, Uttar Pradesh, India.

(2) PILLAI HOC COLLEGE OF ENGINEERING AND TECHNOLOGY (PHCET) is accredited with an 'A' grade by NAAC in First Cycle from A.Y. 2019. Two UG Programs viz. Computer Engineering and Mechanical Engineering have been reaccredited by the NBA for three years i.e. up to 2023, is located in Rasayani, Maharashtra.

#### Common Interests and Agreement:

After studying the objectives of each other, ISNEE Motorsports Pvt. Ltd.(ISNEE), Bijnor, UP and Pillai HOC College of Engineering And Technology (PHCET), Rasayani agreed that they can share the expertise available at both ends for mutual benefits in the field of education, training and industrial research and consultancy and enter an MOU. Based on discussion held among the faculties of Pillai HOC College of Engineering And Technology (PHCET), Rasayani and Director of ISNEE Motorsports Pvt. Ltd.(ISNEE), Bijnor, UP of are certain programs have been indentified for mutual collaboration such as:

- Organize Seminars to encourage Motorsports.
- Organize Placement for students.
- Organize Industry Training Programs for undergraduate students.
- Facility/Knowledge Centre to encourage students in the field of Motorsports.
- PHCET and ISNEE agree that Commercial Rights, Revenue generated, Claims, Royalty, Patents (as per Indian Patents Act 2002), Copyrights, Intellectual Property Rights, Invention, Discovery rights shall be with ISNEE for Projects, Products, Systems, Designs, Research reports/papers, Studies, Calculations, Analysis, Patents developed & Published jointly by ISNEE & students/faculty of PHCET.

**PRINCIPAL**

Mahatma Education Society's  
Pillai HOC College of  
Engineering and Technology.  
Pillai's HOC Educational Campus  
Rasayani, Tal. Khalepur  
Dist. Raigad. Pin-410 207



- Patents can be jointly applied by ISNEE and PHCET; all the above stated rights & claims shall be with ISNEE. If students are involved in the research work, then students' names can be added in inventors along with ISNEE & its employees subjected to efforts put up by students of PHCET in completing the given tasks, deliverables & research work.
- Research Papers shall be applied through ISNEE & author credits shall be given to ISNEE company and its employees, Pillai HOC College of Engineering and Technology Faculty & students who are working on the Project/Research report.
- Prior approval & approval on final draft of research paper shall be taken ISNEE before publishing any research papers by students & faculty.
- Research lab for performing experiments, research analysis, testing & prototype building shall be ISNEE offices & labs of PHCET. Softwares necessary for CAD/CAE required for doing design analysis & simulation shall be Softwares available with Pillai HOC College of Engineering And Technology (PHCET), Rasayani.
- Non-disclosure & confidentiality agreement- Students & faculty of Pillai HOC College of Engineering And Technology (PHCET), Rasayani shall sign Non-disclosure & confidentiality agreement with ISNEE Motorsports Pvt. Ltd for avoiding leakage of technical & confidential information to external sources.

#### Effective Date and Administrations:

This MOU will become effective upon signature by Project Manager, Mr. Krishna Kumar B. of ISNEE Motorsports Pvt. Ltd., Bijnor, U.P and Principal, Dr. J.W. Bakal from Pillai HOC College of Engineering And Technology (PHCET), Rasayani, Maharashtra.

IT MAY BE MODIFIED OR AMENDED BY written agreement between the parties, and such amendments shall of, and shall be attached to this MOU. This MOU shall terminate of the parties. It may be terminated at any time by either of the organization, upon 90-day written notice to the other. Its provision will be reviewed annually and amended/ supplemented as may be mutually agreed upon in writing.

**PRINCIPAL**

Mahatma Education Society's  
Pillai HOC College of  
Engineering and Technology.  
Pillai's HOC Educational Campus  
Rasayani, Tal. Khalepur  
Dist. Raigad. Pin-410 207



This MOU is effective from the Date of Signing of this MOU till August 2023. IN WITNESS WHERE OF the authorized representatives of the parties have set their respective hands on the 23rd day of August, 2022.

**Dr. Jagdish W. Bakal**  
Principal



Pillai HOC College of Engineering And  
Technology (PHCET),  
Khalapur, HOC Colony Rd, Taluka,  
Rasayani, Maharashtra 410207

**Mr. Krishna Kumar.B**  
Project Manager



ISNEE Motorsports Pvt. Ltd.,  
H72, Dhobiyani Ahrolla Road Basta  
Bijnor, Uttar Pradesh -246736

**PRINCIPAL**

Mohetma Education Society's  
Pillai HOC College of  
Engineering and Technology,  
Pillai's HOC Educational Campus  
Rasayani, Tal. Khalapur  
Dist. Raigad, Pin-410 207



# ISNEE MOTORSPORTS PVT. LTD.

H 72 Dhoblyan, Mandi Dhanaura Road Basta U.P. - India 246736

Web: [www.isnee.in](http://www.isnee.in) Phone: +91-1345 297628

Ref#: ISNEE/OLH/KK974

Date: 18 August 2022

To,

Dr. J.W. Bakal  
Principal, PHCET.

Subject: Industry Support lab facility


Dear Sir,

We are delighted to support PHCET, Rasayani in establishing a lab and supporting students in electric vehicle segment. ISNEE Motorsports Pvt. Ltd. will provide expertise for training undergraduate students and will also organize seminars to encourage students in motorsports.

We look forward for a strong bond with PHCET, Rasayani.

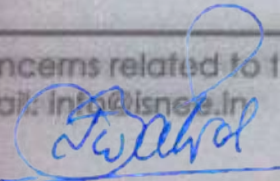
Sincerely,

On behalf of ISNEE Motorsports.

  
Krishna Kumar  
Project Manager



Concerns related to this letter can be addressed to:  
mail: [info@isnee.in](mailto:info@isnee.in)

  
**PRINCIPAL**  
Mahatma Education Society's  
Pillai HOC College of  
Engineering and Technology.

Pillai's HOC Educational Campus  
Rasayani, Tal. Khatapur  
Dist. Raigad, Pin-410 207

## MEMORANDUM OF UNDERSTANDING (MOU)

Between



DREAM2REALITY

C7-253, Bhumi World, Industrial Park, Pimplas Village Opp  
Tata Amantra Housing, Nasik Highway, Tal.  
Bhiwandi, Maharashtra 421302, India

And



Pillai HOC College of Engineering & Technology, Rasayani  
(PHCET)

For

Academic joint collaboration program for Research in Cutting Edge  
Technology and Innovation and Employment Generation through  
Internships, Training and Mentorship



**PRINCIPAL**

Mahatma Education Society's  
Pillai HOC College of  
Engineering and Technology.

Pillai's HOC Educational Campus  
Rasayani, Tal. Khalepur  
Dist. Raigad, Pin-410 207

Memorandum of Understanding (MOU)

Between

Dream2Reality

And

Pillai HOC College of Engineering & Technology (PHCET), Rasayani

For

Academic joint collaboration program for Research in Cutting Edge  
Technology and Innovation and Employment Generation through  
Internships, Training and Mentorship

This MoU is made on this 9<sup>th</sup> day of May, 2023 between Dream2Reality, Mumbai of the one part and Pillai HOC College of Engineering & Technology (PHCET), Rasayani of the other part.

**PREAMBLE**

The two institutions, for the purpose of further strengthening the ties between them, hereby affirm their intent to have an academic and research collaboration and exchanges as will be of mutual benefit to their respective institutions. Whereas Dream2Reality, popularly known, as D2R is a Premier 3D printing Research and service provider. That was established in 2019. D2R is of the top ranking 3D printing service provider in pan India. The company has developed from a small unit in 2019 to a strong vibrant company for import substitute products and cost effective for different sectors of industry. In the last 5 years Dream2Reality has scaled from two 3D printers to a print farm of 20+ 3D printers. At Dream2reality they offer rapid prototyping, 3D Designing, 3D scanning services in-house. They have served 50+ clients pan India and are currently innovation & manufacturing partners for various startups in India, giving them consultation to adopt this technology in their workflow to save time and money.

  
*Mahadik*



**PRINCIPAL**

Mahatma Education Society's  
Pillai HOC College of  
Engineering and Technology,  
Pillai's HOC Educational Campus  
Rasayani, Tal. Khalepur  
Dist. Raigad, Pin-410 207

**Pillai HOC College of Engineering & Technology (PHCET), Rasayani**

Pillai HOC College of Engineering & Technology is an engineering college in Rasayani, Raigad, Maharashtra that is accredited by NAAC with A Grade in first cycle.

It is affiliated to the University of Mumbai. The college was founded in 2009 and is recognized by the All India Council for Technical Education (AICTE), Government of India. The Departments of Mechanical Engineering and Computer Engineering are NBA re-accredited.

PHCET offers a four year Bachelor of Engineering (B.E) Programmes in Computer, Information Technology, Electronics and Telecommunication, Mechanical Engineering, Automobile Engineering, Electrical Engineering and Civil Engineering streams. In addition, it offers a two-year master's degree (M. E.) courses in Civil (Construction Engineering & Management), Computer Engineering, Electronics & Tele-communication Engineering, and Mechanical (Machine Design).

**Strategic intent**

Both D2R and PHCET, propose to enter into an alliance through this MoU and agree to make use of their respective strengths and interests for achieving personal and organizational excellence for the advancement of knowledge and practices and act as a role model in establishing a strong academia-industry interface and improve the education system in India. The common objective is to create quality culture by exposing students and working professionals for adopting a disciplined and systemic approach to problem solving which is missing today in professionals in most cases. Now, THEREFORE, IT IS HEREBY AGREED BY AND BETWEEN D2R MUMBAI AND PHCET, RASAYANI, TO SIGN THIS MOU:



**PRINCIPAL**

Mahatma Education Society's  
Pillai HOC College of  
Engineering and Technology,  
Pillai's HOC Educational Campus  
Rasayani, Tal. Khalepur  
Dist. Raigad, Pin-410 207

1. This MoU supersedes all previous correspondence and discussions.

**2. Period of MoU:**

This MoU comes into effect from the date of its signing and will remain in force for 5 years. Its validity can be extended by mutual agreement between both the parties. Either party may terminate it by giving three months notice to the other party.

**3. Broad objectives:**

This proposed MoU is for Academic joint collaboration program for Research and Training for the students, Research Scholars, Faculty and Industry professionals.

**4. Scope of MoU:**

The scope of this MoU would cover activities related to:

- Community development through special training / mentoring / certificate programs for students and professionals to enhance their employability potential
- Offer continuing education programs for skill development of industry professionals / faculty / government executives through participation in research activities and specialized courses
- Advocacy through joint conferences and seminars depending on the availability and expertise of human resources at both ends, including faculty and professionals
- Mentoring undergraduate students, inspiring for research and internship

**4.1 Collaborative Research program on Development of:**

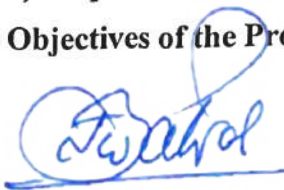
The vision is to provide high quality 3D printing solutions to empower manufacturers, designers, students and everyone to turn their powerful ideas into successful products by making use of advanced additive manufacturing within the shortest time and at a low cost related to the following specific area.

1) Automotive and Aerospace Components

2) Sensory toys for Autistic children

3) 3D printed filter for removal of bacteria, virus and Arsenic for every household in India

Objectives of the Project:



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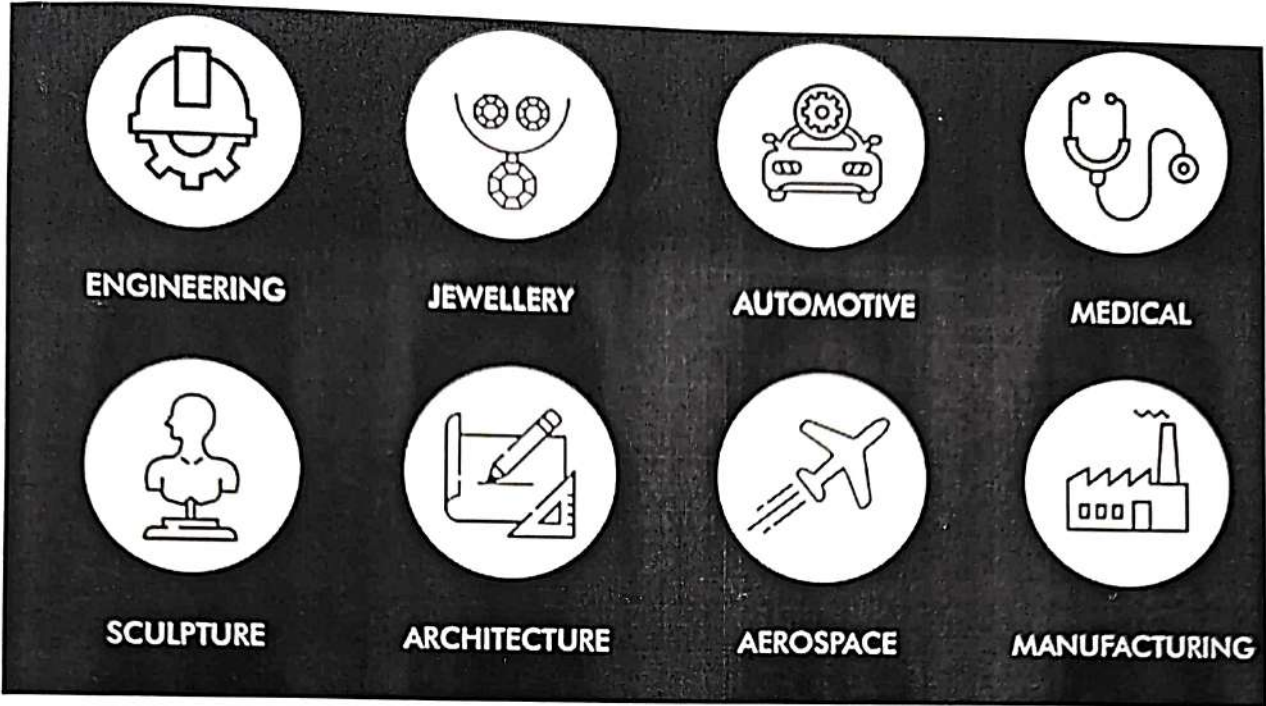
Pillai HOC College of

Engineering and Technology.

Pillai's HOC Educational Campus

Rassyan, Tal. Khalepur

Dist. Raigad, Pin-410 207



Broad areas our collaboration shall cater are listed above.

Other applications:

3D scanning is widely used in industrial design, engineering, and manufacturing due to their ability to quickly and precisely capture the required data. Most common applications of 3D Scanning include reverse engineering, dimension inspection and object digitization.

Design solutions right from ideation to the manufacturing phase. The areas and range of services are listed below :

NEW PRODUCT DEVELOPMENT  
 FINITE ELEMENT ANALYSIS  
 MEDICAL DEVICE ENCLOSURES  
 ELECTRICAL DEVICE ENCLOSURES  
 2D TO 3D CONVERSION

**Materials and their characterization**

- Processing of thermoplastics for Industrial applications.
- Carry out physical and mechanical characterization.

*S. V. Mahadik*

*[Signature]*

*[Signature]*

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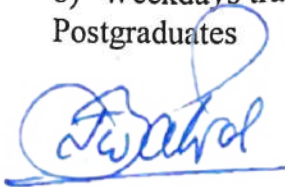
- **Composition**
  - .Fourier transform Infrared Spectroscopy
  - .Energy Dispersive X-ray Spectroscopy
  - .Thermogravimetric analysis
- Molecular Structure
  - > Differential Scanning Calorimetry
  - > Molecular Weight Evaluation
- Physical Properties
  - > Thermo mechanical Analysis
  - > Dynamic Mechanical Analysis
  - > Mechanical Testing
  - > Hardness

**Final outcome:**

- Structure Property Correlation
- Fractography, toughness modeling and failure analysis
- BE/ME/PhD Dissertations
- Industry- academia connect to develop innovation at all levels: teaching/ learning/ research/ manufacturing and education to cater to the needs of D2R and PHCET.
- Provide mentorship and internship that is mission and market driven to enhance employability and bridge the gap to meet the requirements of the industries.
- Create eco system for entrepreneurship, startups nurtured by D2R through mentorship, internship.
- Submit joint research proposals to different scientific institutions such as DST, DSIR, AICTE, MOS etc.

**4.2 Training:** Under this scheme, Pillai HOC College of Engineering & Technology (PHCET), Rasayani, shall be responsible for mobilization of the faculty and the students for imparting the various training programs on processing and properties of high performance polymer and polymer blends and composites, structure properties relationship to improve their damage tolerance, fracture mechanics study of polymer blends and polymer composites, fractography and failure analysis of components made of polymer and polymer composites, computational methods for damage assessments in polymer blends and composite structures, etc. The various training courses to be imparted under different category shall be as under:

- a) Weekend training courses for Industry Professionals as well as Engineering Graduates & Postgraduates
- b) Weekdays training courses for Industry Professionals as well as Engineering Graduates & Postgraduates



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Dist. Raigad, Pin-410 207

**4.3 Skill Development:** Under this scheme, resources available at both the Institutes shall be utilized for imparting the training on Skill Development to students of Pillai HOC College of Engineering & Technology (PHCET), Rasayani.

**4.4 Faculty Development programs:** Under this scheme, Pillai HOC College of Engineering & Technology (PHCET), Rasayani will co-ordinate with concerned departments of other National & State level Universities for imparting Faculty development training program to enhance the competitiveness and up-gradation of the knowledge of the faculties in the different Scientific and Research Areas.

**4.5 Workshop and Seminars:** Here both the organisations can jointly arrange workshops and Seminars based on subject of mutual interest. The key objective of all Seminars and Workshops will be to provide participants with simple yet powerful strategies and skills that may be implemented into their lives for an enhanced degree of Research, Skill, Techniques, communication, personality development, health, safety, self-awareness, wellbeing, and quality of life.

## **5. Role and responsibilities of Pillai HOC College of Engineering & Technology (PHCET), Rasayani and D2R, Mumbai**

**5.1 D2R, Mumbai and Pillai HOC College of Engineering & Technology (PHCET), Rasayani** shall assemble a team of scientists and engineers to provide innovation, initiative and leadership. An Alliance Steering Council (ASC) comprising of the special interest group on Materials, Manufacturing, Modelling and Failure Analysis at PHCET and two nominees from D2R shall monitor and set operating plans for alliance, identify opportunities for joint collaborative research. It is proposed that the ASC meets every three months virtually or face to face to review progress. The CEO of D2R, Mumbai would be the alliance champion from D2R & PHCET would be represented by Prof. R.C. Prasad

**5.2 This Team of D2R and Pillai HOC College of Engineering & Technology (PHCET), Rasayani shall design, specify, procure, fabricate, modify and otherwise make available all sources, equipments and consumables needed to study.**

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5.3 D2R, Mumbai and Pillai HOC College of Engineering & Technology (PHCET), Rasayani shall make available infrastructural facilities such as laboratory space, utilities like water, power and air-conditioning, management and administration support, work-shop and instrumental facilities employment of research staff and miscellaneous assistance that may be required for the project.

5.4 The Project Team shall maintain documentary records of all the results of the research and development work, including chemical and physical parameters experimented with, the procedures adopted and the properties of polymer that were obtained in different experiments including both successes and failures and shall share these records with Pillai HOC College of Engineering & Technology (PHCET), Rasayani.

5.5 D2R has agreed to render hands on training for second, third and fourth year engineering students of Automobile, Mechanical, Chemistry and Physics Department of PHCET which may be for duration of four to five days in every academic year. The schedule of the training program will be decided by mutual understanding.

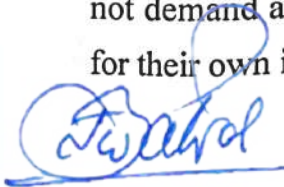
#### 6. Confidentiality Clause:

All technical information and knowhow generated or acquired in the course of this research shall be the property of D2R and Pillai HOC College of Engineering & Technology (PHCET), Rasayani, and shall not be disclosed in any publication, private correspondence or oral communication without express written permission of both Pillai HOC College of Engineering & Technology (PHCET), Rasayani and D2R. Scientific and technical credit, however, shall accrue to the individual researchers who have contributed to the results.

#### 7. Financial terms and mode of payment:

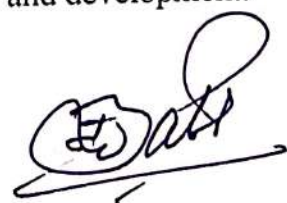
7.1 This alliance does not commit any financial liability on either side. If needed, a corpus fund can be created in future with mutual consent.

7.2 Being Joint Owners of the technology and knowhow developed under this MoU, D2R Mumbai and Pillai HOC College of Engineering & Technology (PHCET), Rasayani, shall not demand any monetary charges from each other for use of the facilities and knowhow for their own internal use for the purpose of research and development.



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Pillai's HOC Educational Campus  
Rasayani, Tal. Khalepur  
Dist. Raigad, Pin-410 207



**8. No liability Clause:**

All activities would normally be carried out with due professional care and adequate safety precautions would be taken as may be needed in handling of different technologies, instruments, equipments and substances. However, neither Pillai HOC College of Engineering & Technology (PHCET), Rasayani nor D2R, Mumbai shall claim from the other compensation for any loss or damage whatsoever, resulting due to implementation of any technology, use of any instrument or equipment or handling of any substance at the premises of Pillai HOC College of Engineering & Technology (PHCET), Rasayani, D2R, Mumbai or any other potential user of the product or technology developed under this MoU.

**9. Non-exclusive nature of this MoU:**

This MoU between D2R, Mumbai and Pillai HOC College of Engineering & Technology (PHCET), Rasayani is and shall be non-exclusive in its nature for all purposes, and shall not come in the way of either partners from collaborating with a third party except as restricted by the confidentiality clause 6.

**10. MoU and its amendments:**

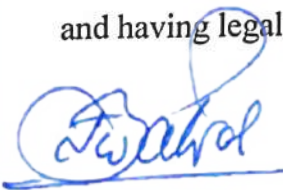
This MoU shall be the sole repository of the terms and conditions agreed to between the parties and no amendment thereof shall take effect or be binding on D2R, Mumbai and Pillai HOC College of Engineering & Technology (PHCET), Rasayani unless such amendment is authorized by D2R, Mumbai and Pillai HOC College of Engineering & Technology (PHCET), Rasayani jointly and is recorded in writing and signed by the representatives of D2R, Mumbai and Pillai HOC College of Engineering & Technology (PHCET), Rasayani.

**11. Dispute Resolution:**

Any dispute or differences arising between the parties shall be referred to Director, D2R, Mumbai and Principal, Pillai HOC College of Engineering & Technology (PHCET), Rasayani or any other person mutually acceptable to them.

PHCET and D2R agree not to mutually compete and conflict for each other's resources and follow an engagement protocol that is ethical and professional during the delivery of the programs under this MoU.

This MoU is executed in duplicate with each copy being an official version of the agreement and having legal validity



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Pillai HOC College of  
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Pillai's HOC Educational Campus  
Rasayani, Tal. Khalepur  
Dist. Raigad, Pin-410 207

In witness whereof the parties hereto have executed this MoU through their Authorized Representatives

For and on behalf of  
Dream2Reality

Mumbai

Signature:

Signature:

Name: Mr. Saurabh J. Mahadik

Designation: Founder & CEO

Place: Mumbai

Witness: Mr. Amar Mange  
07/05/23

Professor, PHCET

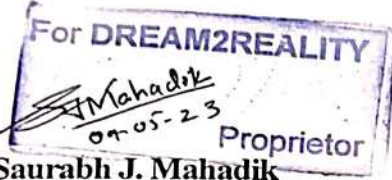
For and on behalf of  
Pillai HOC College of Engineering &  
Technology (PHCET)  
Rasayani

Name: Dr. J. W. Bakal  
Designation: Principal, PHCET

Place: Rasayani

Dr. R.C. Prasad

President IIC & Coordinator Steering  
Committee on  
Materials, Manufacturing, Modeling & Failure  
Analysis  
Professor, Mechanical Engg. Dept., PHCET



Handwritten signature of Dr. J. W. Bakal and date 09/05/2023.



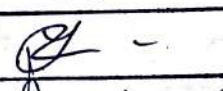
Handwritten signature of Dr. R.C. Prasad and date 9.5.2023.

Handwritten signature of the Principal.

**PRINCIPAL**

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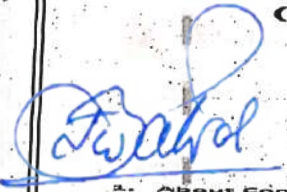
प्रतिज्ञापत्र कांपाऊडे सादर करावयाचे महाराष्ट्र MAHARASHTRA	2020
प्रतिज्ञापत्रासाठीचे कारण (Reason for affidavit)	म.०.०.० कराश्नामकी
मुद्रांक विक्रेत घेतणान्याचे नाव व रहोदाराचे ना (Stamp Purchasers Name/Place of Residence)	श्री. ज्योत्सना मंगेशकर महोदय, शिवाजी नगर, मंगेशपुर
मुद्रांक विक्री दाखल होतवही अनुक्रमांक दिनांक (Serial No. & Date)	अक्र- 8001
मुद्रांक विक्रेत घेतणाऱ्याची सही (Stamp Purchasers Sign/Date)	
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YT 568394

2 MAR 2022

उप कोषागार अधिकारी, खालापूर  
रायगड

Memorandum of Understanding (MoU)  
between  
CII - Indian Green Building Council (IGBC)  
&  
(Pillai HOC College of Engineering  
and Technology)  
for  
'IGBC' Student Chapter  
(Rasayni), (Maharashtra)  
(11/03/2022)



**PRINCIPAL**  
Maharashtra Education Society,  
Pillai HOC College of  
Engineering and Technology,  
Pillai's HOC Educational Campus  
Rasayni, Tal. Khalepur  
Dist. Raigad, Pin-410 207

through advisory and consultative processes. For 125 years, CII has been working on shaping India's development journey and, this year, more than ever before, it will continue to proactively transform Indian industry's engagement in national development.

CII is a non-government, not-for-profit, industry-led and industry-managed organization, with about 9100 members from the private as well as public sectors, including SMEs and MNCs, and an indirect membership of over 300,000 enterprises from 288 national and regional sectoral industry bodies.

## 2. About Indian Green Building Council (IGBC)

The Indian Green Building Council (IGBC), which is part of CII, was formed in the year 2001. The IGBC is a consensus based, not-for-profit organization, representing the building industry, consisting of architects, builders, consultants, manufacturers, institutions and others. The vision of the Council is to "Enable sustainable built environment for all and make India one of the global leaders in sustainable built environment by 2025".

With a footprint of 20,000 sq. ft. in 2003, today IGBC has over 6,287 projects equivalent to 7.75 billion sq. ft. of green building footprint, spread across various geographic locations of the country.

The Council's activities have enabled a market transformation regarding green building concepts, materials, and technologies. The Council members work together to develop green building standards and guidelines and educational tools that enable the adoption of sustainable building designs and practices. IGBC has more than 250 student chapters in engineering and architectural colleges across the country for educating students on the latest green building concepts.

## 3. About Pillai HOC College of Engineering College

Pillai HOC College of Engineering & Technology, Rasayani, is affiliated to the University of Mumbai, recognized by AICTE and accredited by NAAC with an 'A' grade in the first cycle in

  
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2019.PHCET offers undergraduate (Bachelor of Engineering) and postgraduate (Master in Engineering) and Ph.D programs

#### 4. Purpose of Collaboration

The CII-IGBC and Pillai HOC College of Engineering & Technology will partner in launching 'IGBC Student Chapter' at their college to bring in Industry academia collaboration in creating awareness on Green Building concepts, latest trends & technologies and train the students to become industry ready.

#### 5. Areas of Cooperation

The CII-IGBC and Pillai HOC College of Engineering & Technology would partner in the following areas:

##### ❖ Knowledge Sharing:

- Jointly organize Lectures/workshops on green buildings within their campus
- Share non-confidential information with regard to green buildings, sustainable construction techniques, green materials etc.,
- Organize student missions to green buildings for first-hand exposure

##### ❖ Joint Participation:

- To support IGBC's local chapter activities with participation and voluntary support that can create opportunity for students to interact and network with industry leaders
- Encourage students to participate in IGBC's Green Building Congress, annual flagship event on green buildings in India and IGBC's Annual architectural design competition
- IGBC to participate in EEE Annual/ key programs appropriately.
- Students / Institute have to take care of students travel, participation fee or accommodation while participating in IGBC program in other cities. They will be responsible for their safety and health during their travel.

  
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❖ Capacity Building:

- Encourage students to know & participate in "IGBC Green Education program" that prepare students to become 'IGBC Accredited Professional - Associate' and Industry ready. Also, train select faculty from Pillai HOC College of Engineering & Technology on the concepts of green built environment and certify them as 'Accredited Trainers'

❖ Other related activities as found appropriate by both the parties

6. Roles and Responsibilities of CII-IGBC and Pillai HOC College of Engineering & Technology are as under

**Roles and Responsibilities of Pillai HOC College of Engineering & Technology**

- ❖ To provide Platform for IGBC to conduct professional body activities in the college.
- ❖ To support IGBC's local chapter activities with participation and voluntary support from IGBC such as World Environment day, World Green Building Week etc.
- ❖ To offer elective course on "Green Built Environment" for Civil and Mechanical engineering students as well as architecture students in the institution
- ❖ To be member of IGBC under Educational Institution category

**Roles and Responsibilities of CII-IGBC**

- ❖ To provide literature such as IGBC Rating systems, periodical newsletters, technical bulletins etc.
- ❖ To provide faculty for lectures/seminars organized at the campus on Green Building Concepts as suitable and as per mutual convenience.
- ❖ To facilitate green building missions to various green buildings available in respective region for practical exposure.
- ❖ To encourage the students to carry out Green Building projects to understand field challenges and develop skills and competencies.

- ❖ To Provide support for giving practical insights (like online courses) to the students and facilitate them to become 'IGBC Accredited Professional - Associate'

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Dist. Raigad, Pin-410 207



7. **Financials**

There are no financials involved in this MoU, for specific activities involving funds, CII- IGBC will submit technical and financial proposal to Pillai HOC College of Engineering & Technology for approval and the same will be considered after obtaining approval.

8. **Tenure**

This MOU shall come in effect from the date of affixing signature by both the Parties and shall remain valid for a period of two (02) years from that date. MoU shall be renewed based on the Student chapter activities performed during the MoU tenure. Either party may by way of six (06) months notice to terminate this MOU with any written notice by one party to other party, expressing its intent to terminate this MoU.

9. **Coordination Between Facilitators**

Both the Parties shall nominate one or more senior representative/ officer, who shall be the point of contact/ facilitator for the purposes of this MOU. The facilitators of both the Parties shall maintain regular contact with the other Party as well as propose and review different programs & other activities in furtherance of objectives of the purpose and objectives envisioned under this MOU. The Facilitators may also be required to report to and coordinate with different committees or boards for the purposes of this MOU, as may be necessary.

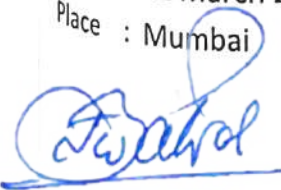


Dr. J. W. Bakal  
Principal  
PHCET



Dr Mala Singh  
Co -Chair, Mumbai Chapter  
Indian Green Building Council

Date : 11 March 2022  
Place : Mumbai



**PRINCIPAL**

Mahatma Education Society's  
Pillai HOC College of  
Engineering and Technology.

Pillai's HOC Educational Campus  
Rassyan, Tal. Khalepur  
Dist. Raigad. Pin-410 207

## MEMORANDUM OF UNDERSTANDING (MOU)

Between



Indian Rubber Manufacturers Research Association  
(IRMRA)

Thane

And



HOC College of Engineering & Technology, Rasayani  
(PHCET)

For

Academic joint collaboration program for Research and Training

A handwritten signature in blue ink, appearing to be 'S. S. S.', is written over a horizontal line.

**PRINCIPAL**

Mahatma Education Society's  
Pillai HOC College of  
Engineering and Technology,  
Pillai's HOC Educational Campus  
Rasayani, Tal. Khalepur  
Dist. Raigad, Pin-410 207

Memorandum of Understanding (MOU)

Between

Indian Rubber Manufacturers Research Association (IRMRA), Thane

And

Pillai HOC College of Engineering & Technology (PHCET), Rasayani

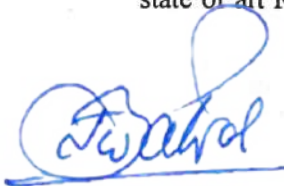
For

Academic joint collaboration program for Research in Cutting Edge  
Technology and Innovation and Employment Generation through  
Internships, Training and Mentorship

This MoU is made on this 13 day of July 2021 between Indian Rubber Manufacturers Research Association (IRMRA), Thane of the one part and Pillai HOC College of Engineering & Technology (PHCET), Rasayani of the other part.

**PREAMBLE**

The two institutions, for the purpose of further strengthening the ties between them, hereby affirm their intent to have a academic and research collaboration and exchanges as will be of mutual benefit to their respective institutions. Whereas Indian Rubber Manufacturers Research Association, popularly known, as IRMRA is Premier Research and Development organization established in 1959 to serve the Rubber & allied industries. IRMRA affiliated to the Ministry of Commerce & Industry, DIPP, Govt. of India. Govt. of India has funded to create this state of art R&D center to support Rubber Industries & end users to improve the quality of rubber products and now the institute is self-sustaining. IRMRA has modern state of art scientific and analytical instruments and fully equipped with facilities for design & development, validation and testing of rubbers and allied materials. It has state of art R&D center to support Rubber Industries & end users to improve the quality of rubber



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products. IRMRA, Thane is an NABL ISO17025:2005 accredited and ISO-9001:2008 certified laboratory and engaged in pursuit of higher research in all major areas of rubber and polymer Technology. IRMRA, Thane has been carrying out sponsored research projects including technology development projects in a variety of areas for government agencies and industry. IRMRA, Thane has extensive facility and experience, in reverse engineering and product development of rubber and polymer based products. IRMRA has facility and experience in giving Training, conducting different courses related to Rubber field, Quality Management System, Manpower skill development etc. Presently IRMRA conducts training courses on LMS (Laboratory Management Courses) and short term technical training courses on rubber technology.

IRMRA has following Quality accreditations / recognitions:

- ISO 17025:2005: NABL Accredited,
- ISO: 9001:2008 certified
- DGMS Accredited
- BIS Recognized for various Tyre & Non-Tyre Testing
- DGQA, DSIR, CEMILAC Recognized

Dr. K. Rajkumar, Director, IRMRA is a technical member of ISO-TC45 and PCD 13 of BIS. He is Certified Lead Auditor for ISO 9001:2008 quality management system and he has successfully completed the NABL assessor course conducted by NABL and he is panel member of NABL Auditors in mechanical and chemical field. He also qualified internal Auditor for ISO 17025 and ISO/TS: 16949 -2002. He is trainer for Internal Auditor course and Measurement Uncertainty as per NABL requirement.

#### **Pillai HOC College of Engineering & Technology (PHCET), Rasayani**

Pillai HOC College of Engineering & Technology is an engineering college in Rasayani, Raigad, Maharashtra that is accredited by NAAC with 'A' Grade in first cycle.

It is affiliated to the University of Mumbai. The college was founded in 2009 and is recognized by the All India Council for Technical Education (AICTE), Government of India. The Departments of Mechanical Engineering and Computer Engineering are NBA re-accredited.



**PRINCIPAL**

Mahatma Education Society's  
Pillai HOC College of  
Engineering and Technology,  
Pillai's HOC Educational Campus  
Rasayani, Tal. Khalepur  
Dist. Raigad, Pin-410 207



PHCET offers a four year Bachelor of Engineering (B.E) Programmes in Computer, Information Technology, Electronics and Telecommunication, Mechanical Engineering, Automobile Engineering, Electrical Engineering and Civil Engineering streams. In addition, it offers a two-year master's degree (M. E.) courses in Civil (Construction Engineering & Management), Computer Engineering, Electronics & Tele-communication Engineering, and Mechanical (Machine Design).

### Strategic intent

Both IRMRA and PHCET, propose to enter into an alliance through this MoU and agree to make use of their respective strengths and interests for achieving personal and organizational excellence for the advancement of knowledge and practices and act as a role model in establishing a strong academia-industry interface and improve the education system in India. The common objective is to create quality culture by exposing students and working professionals for adopting a disciplined and systemic approach to problem solving which is missing today in professionals in most cases. Now, THEREFORE, IT IS HEREBY AGREED BY AND BETWEEN IRMRA, THANE AND PHCET, RASAYANI, TO SIGN THIS MOU:

1. This MoU supersedes all previous correspondence and discussions.

2. **Period of MoU:**

This MoU comes into effect from the date of its signing and will remain in force for 5 years. Its validity can be extended by mutual agreement between both the parties. Either party may terminate it by giving three months notice to the other party.

3. **Broad objectives:**

This proposed MoU is for Academic joint collaboration program for Research and Training for the students, Research Scholars, Faculty and Industry professionals.

4. **Scope of MoU:**

The scope of this MoU would cover activities related to:

- Community development through special training / mentoring / certificate programs for students and professionals to enhance their employability potential



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Mahatma Education Society's  
Pillai HOC College of  
Engineering and Technology,  
Pillai's HOC Educational Campus  
Rasayani, Tal. Khalepur  
Dist. Raigad, Pin-410 207



- Offer continuing education programs for skill development of industry professionals / faculty / government executives through participation in research activities and specialized courses
- Advocacy through joint conferences and seminars depending on the availability and expertise of human resources at both ends, including faculty and professionals
- Mentoring undergraduate students, inspiring for research and internship

**4.1 Collaborative Research programs:** Under this scheme joint research proposal shall be submitted to different scientific institutions such as Department of Scientific and Industrial Research DSIR, BARC, RDSO, Defense, DST, MOEF, UGC, MPCB and corporates.

**4.2 Training:** Under this scheme, Pillai HOC College of Engineering & Technology (PHCET), Rasayani, shall be responsible for mobilization of the faculty and the students for imparting the various training program on electro active polymer / rubber blends and composites, structure properties relationship to improve their damage tolerance, fracture mechanics study of rubber blends and polymer composites, fractography and failure analysis of components made of rubber and polymer composites, computational methods for damage assessments in rubber blends and composite structures, Instrumentation techniques, etc. The various training courses to be imparted under different category shall be as under:

- a) Weekend training courses for Engineering Graduates & Postgraduates
- b) Weekdays training courses for Engineering Graduates & Postgraduates

**4.3 Skill Development:** Under this scheme, resources available at both the Institutes shall be utilized for imparting the training on Skill Development. IRMRA has got affiliation with the Rubber Skill Development Council, RSDC to conduct the training courses on the following Job roles.

- 1) Mixing Mill Operator, 2) Compression Moulding Operator, 3) Injection Moulding Operator, 4) Lab Chemist-Incoming raw material Testing, 5) Lab Chemist-Batch Release Testing, 6) Lab Chemist-Cured Compound Testing

The training on above mentioned Job roles will be provided to students of Pillai HOC College of Engineering & Technology (PHCET), Rasayani.



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Mahatma Education Society's  
Pillai HOC College of  
Engineering and Technology,  
Pillai's HOC Educational Campus  
Rasayani, Tal. Khalepur  
Dist. Raigad, Pin-410 207

**4.4 Faculty Development programs:** Under this scheme, Pillai HOC College of Engineering & Technology (PHCET), Rasayani will co-ordinate with concerned departments of other National & State level Universities for imparting Faculty development training program to enhance the competitiveness and up-gradation of the knowledge of the faculties in the different Scientific and Research Areas.

**4.5 Workshop and Seminars:** Here both the institutes can jointly arrange workshops and Seminars based on subject of mutual interest. The key objective of all Seminars and Workshops will be to provide participants with simple yet powerful strategies and skills that may be implemented into their lives for an enhanced degree of Research, Skill, Techniques, communication, personality development, health, safety, self-awareness, wellbeing, and quality of life.

#### 5. Role and responsibilities of Pillai HOC College of Engineering & Technology (PHCET), Rasayani and IRMRA, Thane

- 5.1 IRMRA, Thane and Pillai HOC College of Engineering & Technology (PHCET), Rasayani shall assemble a team of scientists and engineers to provide innovation, initiative and leadership. An Alliance Steering Council (ASC) comprising of the special interest group on Materials, Manufacturing, Modelling and Failure Analysis at PHCET and two nominees from IRMRA shall monitor and set operating plans for alliance, identify opportunities for joint collaborative research. It is proposed that the ASC meets every three months virtually or face to face to review progress. Dr. Rajkumar Kasilingam, Director would be the alliance champion from IRMRA & PHCET would be represented by Prof. R.C. Prasad
- 5.2 This Team of IRMRA and Pillai HOC College of Engineering & Technology (PHCET), Rasayani shall design, specify, procure, fabricate, modify and otherwise make available all sources, equipments and consumables needed to study.
- 5.3 IRMRA, Thane and Pillai HOC College of Engineering & Technology (PHCET), Rasayani shall make available infrastructural facilities such as laboratory space, utilities like water, power and air-conditioning, management and administration support, work-shop and



**PRINCIPAL**

Mahatma Education Society's  
Pillai HOC College of  
Engineering and Technology.

Pillai's HOC Educational Campus  
Rasayani, Tal. Khelepur  
Dist. Raigad. Pin-410 207





instrumental facilities employment of research staff and miscellaneous assistance that may be required for the project.

- 5.4 The Project Team shall maintain documentary records of all the results of the research and development work, including chemical and physical parameters experimented with, the procedures adopted and the properties of polymer that were obtained in different experiments including both successes and failures and shall share these records with Pillai HOC College of Engineering & Technology (PHCET), Rasayani.
- 5.5 IRMRA has agreed to render hands on training for second, third and fourth year engineering students of Automobile, Mechanical, Chemistry and Physics Department of PHCET which may be for duration of four to five days in every academic year. The schedule of the training program will be decided by mutual understanding.

**6. Confidentiality Clause:**

All technical information and knowhow generated or acquired in the course of this research shall be the property of IRMRA and Pillai HOC College of Engineering & Technology (PHCET), Rasayani, and shall not be disclosed in any publication, private correspondence or oral communication without express written permission of both Pillai HOC College of Engineering & Technology (PHCET), Rasayani and IRMRA. Scientific and technical credit, however, shall accrue to the individual researchers who have contributed to the results.

**7. Financial terms and mode of payment:**

- 7.1 This alliance does not commit any financial liability on either side. If needed, a corpus fund can be created in future with mutual consent.
- 7.2 Being Joint Owners of the technology and knowhow developed under this MoU, IRMRA Thane and Pillai HOC College of Engineering & Technology (PHCET), Rasayani, shall not demand any monetary charges from each other for use of the facilities and knowhow for their own internal use for the purpose of research and development.



**PRINCIPAL**

Mahatma Education Society's  
Pillai HOC College of  
Engineering and Technology,  
Pillai's HOC Educational Campus  
Rasayani, Tal. Khalepur  
Dist. Raigad, Pin-410 207





**8. No liability Clause:**

All activities would normally be carried out with due professional care and adequate safety precautions would be taken as may be needed in handling of different technologies, instruments, equipments and substances. However, neither Pillai HOC College of Engineering & Technology (PHCET), Rasayani nor IRMRA, Thane shall claim from the other compensation for any loss or damage whatsoever, resulting due to implementation of any technology, use of any instrument or equipment or handling of any substance at the premises of Pillai HOC College of Engineering & Technology (PHCET), Rasayani, IRMRA, Thane or any other potential user of the product or technology developed under this MoU.

**9. Non-exclusive nature of this MoU:**

This MoU between IRMRA, Thane and Pillai HOC College of Engineering & Technology (PHCET), Rasayani is and shall be non-exclusive in its nature for all purposes, and shall not come in the way of either partners from collaborating with a third party except as restricted by the confidentiality clause 6.

**10. MoU and its amendments:**

This MoU shall be the sole repository of the terms and conditions agreed to between the parties and no amendment thereof shall take effect or be binding on IRMRA, Thane and Pillai HOC College of Engineering & Technology (PHCET), Rasayani unless such amendment is authorized by IRMRA, Thane and Pillai HOC College of Engineering & Technology (PHCET), Rasayani jointly and is recorded in writing and signed by the representatives of IRMRA, Thane and Pillai HOC College of Engineering & Technology (PHCET), Rasayani.

**11. Dispute Resolution:**

Any dispute or differences arising between the parties shall be referred to Director, IRMRA, Thane and Principal, Pillai HOC College of Engineering & Technology (PHCET), Rasayani or any other person mutually acceptable to them.

**PRINCIPAL**

Mahatma Education Society's  
Pillai HOC College of  
Engineering and Technology,  
Pillai's HOC Educational Campus  
Rasayani, Tal. Khelepur  
Dist. Raigad, Pin-410 207



PHCET and IRMRA agree not to mutually compete and conflict for each other's resources and follow an engagement protocol that is ethical and professional during the delivery of the programs under this MoU.

This MoU is executed in duplicate with each copy being an official version of the agreement and having legal validity.

In witness whereof the parties hereto have executed this MoU through their Authorized Representatives

For and on behalf of  
Indian Rubber Manufacturers Research

Association, Thane  
**For Indian Rubber Manufacturers  
Research Association**

Signature:



Dr. K. Rajkumar  
Director

Name: Dr. K. Rajkumar

Designation: Director IRMRA

Place: Thane

Witness: Dr. Bharat Kapagade

Designation : Asst. Director, IRMRA

Place: Thane

For and on behalf of  
Pillai HOC College of Engineering &  
Technology (PHCET)

Rasayani

Signature:



Name: Dr. Lata Menon

Designation: Deputy CEO Rasayani Campus

Place: Rasayani

Witness: 1. Dr. R.C. Prasad

Designation : President IIC @ PHCET &  
Professor, Mechanical Engg. Dept. PHCET

Place: Rasayani



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Dist. Raigad, Pin-410 207





महाराष्ट्र MAHARASHTRA

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पुस्तकालय विभागाचे  
अधिकारीद्वारे नोंद घेतलेले.  
दि. रायवड.

29 DEC 2020



जय दत्तवागकर अधिकाारी  
कर्मचारी - रायवड

*Handwritten signature*

गाड पत्र - २/Annexure-II

पुस्तक विक्री नोंद अनुक्रमांक

37254 दिनांक 6-1-2021

दस्ताचा प्रकार

वरील दस्त नोंदणी करणार आहेत का - होय/नाही

विक्रीची घटना

पुस्तक विक्रीचे देश-भाषे नोंद घेतली

राज्य नरवाड

दुस-या पक्षकाराचे नाव

हस्त असल्यास त्याचे नांव, पत्ता व सही

पुस्तक शुल्क रक्कम

1-1

श्री. सुनिल विठ्ठल परदेशी  
श्री. सपर्या सुभा शंकराकर अॅडव्होकेट  
पन्वेल, अन्नापली - पन्वेल २ - ११

परवाना पुस्तक विक्रीच्यासाठी जारी व वापरासाठी कर्नाटक  
पुस्तक विक्रीचे ठिकाण व पत्ता

या कारणासाठी कर्नाट पुस्तक खरेदी केल्या व्हावी त्याच कारणासाठी पुस्तक खरेदी केल्यासाठी



**MEMORANDUM OF UNDERSTANDING**

BETWEEN

**MAHATMA EDUCATION SOCIETY'S  
PILLAI HOC COLLEGE OF ENGINEERING AND TECHNOLOGY, RASAYANI  
AND  
TVM ENGINEERING WORKS, BHAYANDER EAST THANE THANE, MH 400 105**



This agreement is made and entered into on day saturday dated 31<sup>st</sup> October 2020 by and between Mahatma Education Society's Pillai HOC College of Engineering and Technology (PHCET) (An Institute approved by AICTE, DTE Maharashtra & Government of Maharashtra) Institute is Accredited as "A" grade by NAAC and 2 programmes are NBA Accredited located at Pillai HOCL Educational Campus, Rasayani, Via Panvel, District, Raigad. Pin-410 207 and TVM ENGINEERING WORKS, 23/B Vaibhav Industrial Estate, Behind Tiripati Gas Godown, Near railway crossing, Bhayander (East), Thane - 400105, Maharashtra - 410206.

*Handwritten signature of the Principal*

**PRINCIPAL**

Mahatma Education Society's  
Pillai HOC College of  
Engineering and Technology,  
Pillai's HOC Educational Campus  
Rasayani, Tal. Khalepur  
Dist. Raigad. Pin-410 207



**MEMORANDUM OF UNDERSTANDING**

BETWEEN



**MAHATMA EDUCATION SOCIETY'S  
PILLAI HOC COLLEGE OF ENGINEERING AND TECHNOLOGY, RASAYANI  
AND  
TVM ENGINEERING WORKS, BHAYANDER EAST THANE THANE, MH 400 105**

This agreement is made and entered into on day saturday dated 31<sup>st</sup> October 2020 by and between Mahatma Education Society's Pillai HOC College of Engineering and Technology (PHCET) (An Institute approved by AICTE, DTE Maharashtra & Government of Maharashtra) Institute is Accredited as "A" grade by NAAC and 2 programmes are NBA Accredited located at Pillai HOCL Educational Campus, Rasayani, Via Panvel, District, Raigad. Pin-410 207 and TVM ENGINEERING WORKS, 23/B Vaibhav Industrial Estate, Behind Tiripati Gas Godown, Near railway crossing, Bhayander (East), Thane - 400105, Maharashtra - 410206.

**PRINCIPAL**

**Mahatma Education Society's  
Pillai HOC College of  
Engineering and Technology.**

**Pillai's HOC Educational Campus  
Rasayani, Tal. Khalepur  
Dist. Raigad. Pin-410 207**



#### 4. TERMS AND TERMINATION

- a) This MoU unless extended by mutual written agreement of all the parties, shall expire 5 years after the effective date specified in the opening paragraph.
- b) This MoU may be amended or terminated earlier by mutual written agreement of the parties at any time
- c) Either party shall have the right to unilaterally terminate this MoU upon 60 days prior written notice to the other party.
- d) The termination of MoU, whether mutual or unilateral, shall not affect the obligations of the participants under any research agreement.

#### 6. SIGNED IN DUPLICATE

*This MoU is expected 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 PHCET Rasayani

On behalf of TVM ENGINEERING WORKS

By:

Name: Dr. T. J. Mathew  
Title: Principal- PHCET



By:

Name: Mr. Mohiddin Tole  
Title: TVM ENGINEERING WORKS.

Date:

Date:

31/10/2020

Name: Dr. K. M. Vasudevan Pillai  
Title: Chairman & CEO MES

Witness

Date:



## 1. OBJECTIVE OF THE MoU

The Objective of this memorandum of understanding is to promote and enhance the Industry interaction of the institutes in mutually beneficial areas and provide a formal basis for initiating interaction between PHCET Rasayani and TVM ENGINEERING WORKS.

## PROPOSED MODE OF COLLABORATION

PHCET, Rasayani and the TVM ENGINEERING WORKS propose to collaborate through:

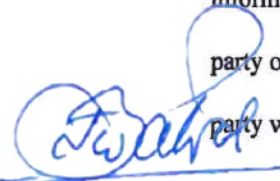
- a) Placement drive for UG and PG students of Department of Civil Engineering of PHCET
- b) Sponsored Project for UG, PG Students Department of Civil Engineering of PHCET.
- c) In plant training/ Internship facilities to be provided for UG, PG & PhD students of Department of Civil Engineering PHCET to expose them to latest technologies.
- d) Any other appropriate mood of interaction agreed upon between PHCET and the TVM ENGINEERING WORKS.
- e) The collaboration will coordinated by Mr. Raju Narwade and Mr.Sandeep Gujjar from PHCET, and Mr. Mohiddin Tole from TVM ENGINEERING WORKS.

## 2. TECHNICAL AREAS OF COLLABORATIONS

The principal technical areas of collaboration between PHCET, Rasayani and TVM ENGINEERING WORKS will be related to the various Civil Engineering and other Multidisciplinary aspects.

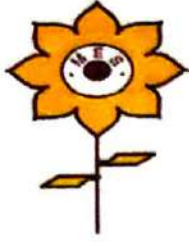
## 3. CONFIDENTIALLY

PHCET Rasayani and TVM ENGINEERING WORKS, agree to hold in confidence all information /Data designated by the parties as being confidential, which is obtained from either party or created during the performance of this MoU and will not disclose the same to any third party without written consent of the other party.



**PRINCIPAL**

Mahatma Education Society's  
Pillai HOC College of  
Engineering and Technology.  
Pillai's HOC Educational Campus  
Rasayani, Tal. Khalepur  
Dist. Raigad. Pin-410 207



*Pillai*



**MEMORANDUM OF UNDERSTANDING  
BETWEEN**



**Pillai HOC College of Engineering & Technology & Pillai HOC  
Polytechnic, Rasayani**

**Pillai HOCL Educational Campus, HOC Colony, Rasayani, via- Panvel, Dist.  
Raigad. Pin- 410207**



**Administrative Office Address:**

**Greycast Founders, 2 & 3, Sharma Indl. Estate, Local Office Bus-stop, Saki-  
Vihar Road, Powai, Mumbai- 400072, India.**

*[Handwritten Signature]*

**PRINCIPAL**

**Mahatma Education Society's  
Pillai HOC College of  
Engineering and Technology,  
Pillai's HOC Educational Campus  
Rasayani, Tal. Khalepur  
Dist. Raigad. Pin-410 207**



**MEMORANDUM OF UNDERSTANDING**  
**BETWEEN**  
**MAHATMA EDUCATION SOCIETY'S**  
**PILLAI HOC COLLEGE OF ENGINEERING AND TECHNOLOGY AND POLYTECHNIC**  
**RASAYANI**  
**AND**  
**GREYCAST FOUNDERS AT AMBERNATH**

This agreement is made and entered into on 14<sup>th</sup> day of February by and between Mahatma Education society's PILLAI HOC COLLEGE OF ENGINEERING & TECHNOLOGY (An institute approved by AICTE & DTE Government of Maharashtra NBA accredited .) AND PILLAI HOC POLYTECHNIC (An institute approved by MSBTE, AICTE & DTE) situated at Pillai HOCL Educational Campus, HOC colony, Rasayani, Via Panvel, District .Raigad. Pin-410207.

**1. OBJECTIVES OF THE MOU**

The objective of this memorandum of understanding is to promote and enhance the industry interaction of the institutes mentioned above in mutually beneficial areas and provide a formal basis for initiating interaction between PHCET and PHP Rasayani and the GREYCAST FOUNDERS in the areas of Sand and Investment Casing , Automation, Robotics, virtual designs, 3D printings, Environmental Health and Safety.

**2. PROPOSED MODE OF COLLABORATION**

PHCET and PHP Rasayani and the GREYCAST FOUNDERS propose to collaborate through:

- a) Training students according to industry requirements and expose them to latest technology and best practices in foundry industry through works visit, foundry exhibition etc. to make them employable.
- b) Sponsoring student projects for Polytechnic , BE and ME programs at PHP and PHCET
- c) Training of industry personnel through continuing education programme conducted jointly by PHP & PHCET and GREYCAST FOUNDERS in areas of interest to the industries.
- d) Any other appropriate mode of interaction agreed upon between PHP ,PHCET & GREYCAST FOUNDERS .

**PRINCIPAL**

Mahatma Education Society's  
Pillai HOC College of  
Engineering and Technology.

Pillai's HOC Educational Campus  
Rasayani, Tal. Khalepur  
Dist. Raigad. Pin-410 207





The collaboration will be coordinated by PROF. R C PRASAD from PHCET and Shri YASH SINGH Director GREYCAST FOUNDERS Office situated at 2&3 Sharma indl Estate Saki-Vihar Powai.Mumbai-400072..

### FORMS OF RESEARCH AND DEVELOPMENT PROGRAMMES

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 with appropriate written agreements.

### TECHNICAL AREAS OF COLLABORATION

The principal technical areas of collaboration between PHP and PHCET Rasayani and the GREYCAST FOUNDERS will be related to the Sand and Investment Casting , Manufacturing, Automation, Robotics, Simulation, 3D Printing, Environmental Health & Safety

### 3. CONFIDENTIALITY

- a) PHP & PHCET Rasayani and GREYCAST FOUNDERS agree to hold in confidence all information/data designated by the parties as being confidential which is obtained from either party or created during the performance of this MOU and will not disclose the same to any third party without written consent of the other party.

### 6. TERMS AND TERMINATION

- a) This MOU unless extended by mutual written agreement of the parties, shall expire three years after the effective date specified in the opening paragraph.
- b) This MOU may be amended or terminated earlier by mutual written agreement of the parties at any time.
- c) Either party shall have the right to unilaterally terminate this MOU upon 60 days prior written notice to the other party.
- d) The termination of MOU, whether mutual or unilateral, shall not affect the obligations of the participants under any research agreement.

**PRINCIPAL**

Mahatma Education Society's  
Pillai HOC College of  
Engineering and Technology.

Pillai's HOC Educational Campus  
Rasayani, Tal. Khalepur  
Dist. Raigad. Pin-410 207



**7. SIGNED IN DUPLICATE**

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 PHP & PHCET Rasayani

On behalf of GREYCAST FOUNDERS

Name: Dr. Madhumita Chatterjee  
Title: Principal PHCET Rasayani

**PRINCIPAL**  
Pillai HOC College of  
Engineering & Technology  
Pillai HOCL Educational Campus,  
Rasayani, Tal. Khalapur,  
Dist. Raigad - 410 207.

Name: Mr. Amar Mange  
Title: Principal PHP Rasayani  
Date: 14-02-2019

**Principal**  
Pillai HOC Polytechnic  
Pillai HOCL Educational Campus,  
Rasayani, Khalapur, Raigad 410 207

**For GREYCAST FOUNDERS**  
Shri Yash Singh  
Director GREYCAST FOUNDERS

**Authorised Signatory**

Dr. K.M. Vasudevan Pillai  
Chairman & CEO MES  
Date: 14-02-2019  
Witness:

**CHAIRMAN**  
Mahatma Education Society's  
Dr. K. M. Vasudevan Pillai Campus,  
Sector-16, New Panvel-410206.

**PRINCIPAL**  
Mahatma Education Society's  
Pillai HOC College of  
Engineering and Technology,  
Pillai's HOC Educational Campus  
Rasayani, Tal. Khalapur  
Dist. Raigad, Pin-410 207



महाराष्ट्र MAHARASHTRA

2019

27 MAY 2019

UY 150478



जिल्हा कोठार कार्यालय, ठाणे  
22 MAY 2019  
मुद्रांक प्रमुख लिपीक / लिपीक

MEMORANDUM OF UNDERSTANDING

BETWEEN

Pillai HOC College of Engineering and Technology, Rasayani

AND

Perpetual Gravity Labs Pvt Ltd.

P.G Lab

This Agreement is made and entered into on this .....2019 between Department of Mechanical Engineering, Pillai HOC College of Engineering and Technology, Rasayani (hereinafter called Educational Institute) situated at, Plot No. 98, sector - 3, Airoli Navi-Mumbai, an Institute of national importance and Perpetual Gravity Labs Pvt. Ltd. (hereinafter called "COMPANY" which expression shall include its successors and

PRINCIPAL

Mohatma Education Society's  
Pillai HOC College of  
Engineering and Technology,  
Pillai's HOC Educational Campus  
Rasayani, Tal. Khalepur  
Dist. Raigad, Pin-410 207

permitted assignees) with its registered office at Shiv Shankar Tower, Office no. 4, Plot no. 50, Sector-1, Palm beach road, Sanpada, Navi Mumbai, Maharashtra.

**1. OBJECTIVES OF THE MOU**

The objective of this Memorandum of Understanding is:

- a. to promote interaction between Educational Institute and COMPANY in mutually beneficial areas.
- b. to provide a formal basis for initiating interaction between Educational Institute and COMPANY.

**2. PROPOSED MODES OF COLLABORATION**

Educational Institute and COMPANY propose to collaborate through

- a. Sponsoring student projects.
- b. Sponsoring R&D projects, which may be carried out wholly at EDUCATIONAL INSTITUTE or at premises of COMPANY or partly at EDUCATIONAL INSTITUTE and partly at COMPANY.
- c. Promoting startup, entrepreneurship, innovations in education institute premises.
- d. any other appropriate mode of interaction agreed upon between EDUCATIONAL INSTITUTE and COMPANY.

**3. 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. AGREEMENTS FOR RESEARCH COLLABORATION**

This research collaboration undertaken by the parties' agreement is described in detail as follows:

1. The project will be assigned by the company.
2. It will be executed by the student as part of their curriculum requirement and guided by the project guide of the educational Institute.
3. If required a startup company will be formed.

**5. CONFIDENTIALITY**

- a. During and for a period of three years from the date of disclosure, each party agrees to consider as confidential all information disclosed by the other party in

**PRINCIPAL**

Mahatma Education Society's  
Pillai HOC College of  
Engineering and Technology.

Pillai's HOC Educational Campus  
Rasayani, Tal. Khalepur  
Dist. Raigad, Pin-410 207

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.

#### 6. 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.

#### 7. TERMS AND TERMINATION

This MOU, unless extended by mutual written agreement of the parties, shall expire 3 years 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.

#### 8. 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.

#### 9. 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.

#### 10. COSTS OF THE MOU

Each Party shall bear the respective costs of carrying out the obligations under this MOU.

  
**PRINCIPAL**

Mahatma Education Society's  
Pillai HOC College of  
Engineering and Technology.

Pillai's HOC Educational Campus  
Rasayani, Tal. Khalepur  
Dist. Raigad, Pin-410 207

**11. SIGNED IN DUPLICATE**

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

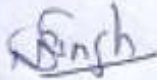
BY SIGNING BELOW, the parties, acting by their duly authorized officers, have caused this Memorandum of Understanding to be executed, effective as of the day and year first above written.

On behalf of


on behalf of

Perpetual Gravity Labs Pvt. Ltd Pillai HOC College of Engineering and Technology

SIGN, SEALED AND DELIVERED BY:



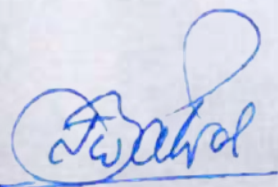
Mr. Nagendrapratp Singh  
Director  
Perpetual Gravity Labs Pvt. Ltd



Dr. Gajendra V. Patil  
Head of Department  
Department of Mechanical Engineering



Dr. Madhumita Chatterjee  
Principal  
Pillai HOC College of Engineering and  
Technology, Rasayani



**PRINCIPAL**

Mahatma Education Society's  
Pillai HOC College of  
Engineering and Technology.

Pillai's HOC Educational Campus  
Rasayani, Tal. Khalepur  
Dist. Raigad, Pin-410 207



**OHT FASTCOMP PVT. LTD**  
Manufacturers of High Tensile Fasteners & Cold Forged Components

**MEMORANDUM OF UNDERSTANDING  
BETWEEN**



**Pillai HOC College of Engineering & Technology & Pillai HOC  
Polytechnic, Rasayani**

**Pillai HOCL Educational Campus, HOC Colony, Rasayani, via- Panvel, Dist.  
Raigad. Pin- 410207**



**OHT FASTCOMP PRIVATE LIMITED**

**Manufacturers of High Tensile FASTeners  
& Cold Forged COMPONENTS.**

R - 681 TTC INDUSTRIAL AREA, Thane - Belapur Rd, Navi Mumbai, Maharashtra 400701

**PRINCIPAL**

Mahatma Education Society's  
Pillai HOC College of  
Engineering and Technology.

Pillai's HOC Educational Campus  
Rasayani, Tal. Khalepur  
Dist. Raigad. Pin-410 207



**OHT FASTCOMP PVT. LTD**  
Manufacturers of High Tensile Fastners & Cold Forged Components

**MEMORANDUM OF UNDERSTANDING**

**BETWEEN**

**MAHATMA EDUCATION SOCIETY'S**  
**PILLAI HOC COLLEGE OF ENGINEERING & TECHNOLOGY, HOC POLYTECHNIC**  
**RASAYANI**

**AND**

**OHT FASTCOMP PVT. LTD., RABALE**

This agreement is made and entered into on 1<sup>st</sup> day of March by and between Mahatma Education society's PILLAI HOC COLLEGE OF ENGINEERING & TECHNOLOGY (An Institute approved by AICTE & DTE Government of Maharashtra that is NBA Accredited.) and PILLAI HOC POLYTECHNIC (An institute approved by MSBTE, AICTE & DTE) situated at Pillai HOCL Educational Campus, HOC colony, Rasayani, Via Panvel, District .Raigad. Pin-410207 and OHT Fastcomp Private Limited (hereafter called company) situated at Rabale, Navi Mumbai.

**1. OBJECTIVES OF THE MOU**

The objective of this memorandum of understanding is to promote and enhance the industry interaction of the institute in mutually beneficial areas and provide a formal basis for initiating interaction between PHCET & PHP Rasayani, and OHT Fastcomp. Pvt. Ltd.

**2. PROPOSED MODE OF COLLABORATION**

PHCET & PHP Rasayani and the company propose to collaborate through:

- Sponsoring student projects for Diploma, BE and ME programs at PHP & PHCET Rasayani.
- Training of company personnel through continuing education programme conducted by PHCET/PHP in areas of interest to company.
- Any other appropriate mode of interaction agreed upon between PHCET/PHP and the company.

The collaboration will be coordinated by **Prof. R C Prasad from PHCET** and **Mr. Parikshit Gupta Director, OHT Fastcomp Pvt. Ltd.**

**PRINCIPAL**

**Mahatma Education Society's  
Pillai HOC College of  
Engineering and Technology.**

**Pillai's HOC Educational Campus  
Rasayani, Tal. Khalepur  
Dist. Raigad, Pin-410 207**





**OHT FASTCOMP PVT. LTD**  
Manufacturers of High Tensile Fasteners & Cold Forged Components

### 3. FORMS OF RESEARCH AND DEVELOPMENT PROGRAMMES

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 with appropriate written agreements.

### 4. TECHNICAL AREAS OF COLLABORATION

The principal technical areas of collaboration between PHCET & PHP Rasayani and the company will be related to the Manufacturing of high tensile fasteners and cold forged products.

### 5. CONFIDENTIALITY

- a) PHCET & PHP Rasayani and OHT Fastcomp Pvt. Ltd. agree to hold in confidence all information/data designated by the parties as being confidential which is obtained from either party or created during the performance of this MOU and will not disclose the same to any third party without written consent of the other party.

### 6. TERMS AND TERMINATION

- a) This MOU unless extended by mutual written agreement of the parties, shall expire five years after the effective date specified in the opening paragraph.
- b) This MOU may be amended or terminated earlier by mutual written agreement of the parties at any time.
- c) Either party shall have the right to unilaterally terminate this MOU upon 60 days prior written notice to the other party.
- d) The termination of MOU, whether mutual or unilateral, shall not affect the obligations of the participants under any research agreement.

Principal  
Pillai HOC Polytechnic  
Pillai HOC Educational Campus,  
Rasayani, Tal. Khalepur,  
Raigad - 410 207

**PRINCIPAL**

Mahatma Education Society's  
Pillai HOC College of  
Engineering and Technology,  
Pillai's HOC Educational Campus  
Rasayani, Tal. Khalepur  
Dist. Raigad, Pin-410 207



**OHT FASTCOMP PVT. LTD**  
Manufacturers of High Tensile Fastners & Cold Forged Components

**7. SIGNED IN DUPLICATE**


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 PHCET & PHP Rasayani

On behalf of Company OHT Fastcomp Pvt.Ltd.  
**For OHT FASTCOMP PRIVATE LIMITED**

By:   
Name: Dr. Madhumi Chatterjee  
Title: Principal-PHCET Rasayani  
Date: 

  
By: **Director**  
Name: Parikshit Gupta  
Title: Director, OHT Fastcomp  
Date:

  
Name: Mr. Amar Mange  
Title: Principal PHP Rasayani  
Date: 01-03-2019 **Principal**  
**Pillai HOC Polytechnic**  
Pillai HOCL Educational Campus,  
Rasayani, Khalapur, Raigad 410 207

  
Dr. K.M. Vasudevan Pillai  
Chairman & CEO MES  
Date:01-03-2019  
Witness:



**PRINCIPAL**  
Mahatma Education Society's  
Pillai HOC College of  
Engineering and Technology,  
Pillai's HOC Educational Campus  
Rasayani, Tal Khalapur  
Dist. Raigad, Pin-410 207



महाराष्ट्र MAHARASHTRA

30 DEC 2019

मुख्यालय: दिनांक  
 उपकार्यालय: नॉन्-जुडिशियल,  
 डि. रायगड.



उपकार्यालय अधिकारी  
 रायगड - रायगड.

2019  
 जॉड पत्र - २/Annexure-II  
 मुद्रांक विक्री नोंद अनुक्रमांक 60393 दिनांक 31-12-19 VP 889276

दस्तावा प्रकार २२१२ दस्त नोंदणी करणार आहेत वा - होय/नाही

मिळकतीचा वर्णन

मुद्रांक विकत घेणा-याचे नांव व रहिपत्ता पु. ल. म. इ. म. न. ओ. सी. का. इ. जि.

दुस-या पक्षकाराचे नांव

हस्त असल्यास त्याचे नांव, पत्ता व सही २१/१२/१९

मुद्रांक शुल्क रक्कम ०-१-२१/१२/१९

परवाना मुद्रांक विक्रीसाठी आहे व परवाना क्रमांक  
 मुद्रांक विक्रीचे दिनांक व प्रती

श्री. सुनिल विठ्ठल परदेशी  
 श्री. सुनिल विठ्ठल परदेशी  
 परतम, अ. रा. म. इ. म. न. ओ. सी. का. इ. जि.



**MEMORANDUM OF UNDERSTANDING**

BETWEEN

MAHATMA EDUCATION SOCIETY'S  
 PILLAI HOC COLLEGE OF ENGINEERING AND TECHNOLOGY, RASAYANI  
 AND

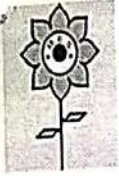
DHIRENDRA GROUP OF COMPANY INFRASTRUCTURE PRIVATE LIMITED, Mumbai



This agreement is made and entered into on day Wednesday dated 12<sup>th</sup> February 2020 by and between Mahatma Education Society's Pillai HOC College of Engineering and Technology (PHCET) (An Institute approved by AICTE, DTE Maharashtra & Government of Maharashtra). Institute is Accredited as "A" grade by NAAC and 2 programmes are NBA Accredited located at Pillai HOCL Educational Campus, Rasayani, Via Panvel, District, Raigad. Pin-410 207 and DHIRENDRA GROUP OF COMPANY INFRASTRUCTURE PRIVATE LIMITED, A-3027, Oberoi Garden Estate, Andheri (W), Mumbai-400072, Maharashtra.

**PRINCIPAL**  
 Mahatma Education Society's  
 Pillai HOC College of  
 Engineering and Technology,  
 Pillai's HOC Educational Campus  
 Rasayani, Tal. Khalepur  
 Dist. Raigad. Pin-410 207

**PRINCIPAL**  
 Pillai HOC College of  
 Engineering & Technology  
 Pillai HOCL Educational Campus,  
 Rasayani, Tal. Khalepur



## 1. OBJECTIVE OF THE MoU

The Objective of this memorandum of understanding is to promote and enhance the Industry interaction of the institutes in mutually beneficial areas and provide a formal basis for initiating interaction between "PHCET", Rasayani and "DHIRENDRA GROUP OF COMPANY INFRASTRUCTURE PRIVATE LIMITED", Andheri.

## PROPOSED MODE OF COLLABORATION

PHCET, Rasayani and DHIRENDRA GROUP OF COMPANY INFRASTRUCTURE PRIVATE LIMITED, propose to collaborate through:

- a) Placement drive for UG and PG students of Department of Civil Engineering of PHCET
- b) Training/ Internship facilities to be provided for UG & PG students of Department of Civil Engineering PHCET to expose them to Construction methodology, technology & management.
- c) Invited talks and expert lecture will be delivered by experts from DHIRENDRA GROUP OF COMPANY INFRASTRUCTURE PRIVATE LIMITED for students and faculties of PHCET.
- d) Sponsored projects for UG, PG and PhD students of department of civil engineering.

Any other appropriate mode of interaction agreed upon between PHCET and the DHIRENDRA GROUP OF COMPANY INFRASTRUCTURE PRIVATE LIMITED.

The collaboration will coordinated by Mr. Raju Narwade and Mr.Sandeep.V.Gujjar from PHCET with Dr.Gopal Rai, CEO, DHIRENDRA GROUP OF COMPANY INFRASTRUCTURE PRIVATE LIMITED.

## 2. TECHNICAL AREAS OF COLLABORATIONS

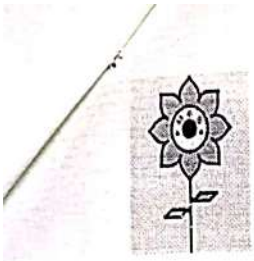
The principal technical areas of collaboration between PHCET, Rasayani and from DHIRENDRA GROUP OF COMPANY INFRASTRUCTURE PRIVATE LIMITED will be related to the various Civil Engineering and other Multidisciplinary aspects trying to take practical infrastructure project and find solution from student study.

**PRINCIPAL**

Mahatma Education Society's  
Piltai HOC College of  
Engineering and Technology,  
Piltai's HOC Educational Campus  
Rasayani, Tal. Khalsapur  
Dist. Raigad, Pin-410 207

**PRINCIPAL**  
Piltai HOC College of  
Engineering & Technology  
Piltai HOC Educational Campus,  
Rasayani, Tal. Khalsapur,  
Dist. Raigad - 410 207.





### 3. CONFIDENTIALLY

PHCET Rasayani and DHIRENDRA GROUP OF COMPANY INFRASTRUCTURE PRIVATE LIMITED, agree to hold in confidence all information /Data designated by the parties as being confidential, which is obtained from either party or created during the performance of this MoU and will not disclose the same to any third party without written consent of the other party.

*(Disclaimer: DHIRENDRA GROUP OF COMPANY INFRASTRUCTURE PRIVATE LIMITED have collaboration with several government, non government and secret defence organization.)*

### 4. TERMS AND TERMINATION

- This MoU unless extended by mutual written agreement of all the parties, shall expire 1000 days 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.
- The termination of MoU, whether mutual or unilateral, shall not affect the obligations of the participants under any research agreement.

### 5. SIGNED IN DUPLICATE

*This MoU is expected in duplicate with each copy being an official version of the agreement and having equal legal validity.*

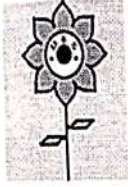
*By signing below, the parties, acting by their duly authorized officers, have caused this Memorandum of Understanding to be executed, effective as of the day and year first above written.*

**PRINCIPAL**

Mahatma Education Society's  
Pillel HOC College of  
Engineering and Technology,  
Pillel's HOC Educational Campus  
Rasayani, Tal. Khalepur  
Dist. Raigad, Pin-410 207

**PRINCIPAL**  
Pillel HOC College of  
Engineering & Technology,  
Pillel HOC Educational Campus,  
Rasayani, Tal. Khalepur,  
Dist. Raigad - 410 207.





On behalf of PHCET, Rasayani

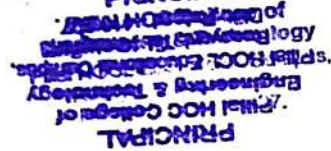
On behalf of DHIRENDRA GROUP OF COMPANY  
INFRASTRUCTURE PRIVATE LIMITED.

By: *M. Chatterjee*

By: *Gopal Rai*  
*12/02/2020*

Name: Dr. Madhumita Chatterjee  
Title: Principal, PHCET

Name: Dr. Gopal Rai  
Title: DHIRENDRA GROUP OF  
COMPANY INFRASTRUCTURE PRIVATE LIMITED.



Date: *12/02/2020*

Date: *12/02/2020*

Name: Dr. K. M Vasudevan Pillai  
Title: Chairman & CEO MES

Witness

Date:



*K. M. Vasudevan Pillai*

**PRINCIPAL**  
Mahatma Education Society's  
Pillai HOC College of  
Engineering and Technology,  
Pillai's HOC Educational Campus  
Rasayani, Tal. Khelepur  
Dist. Raigad, Pin-410 207



महाराष्ट्र MAHARASHTRA

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VR 444819

9 SEP 2019

राजधानी दिनांक  
श्रीमंतपारवे नांदे अभियेक,  
राजगड.



कांवागार अधिकारी  
राजगड - राजगड.



**MEMORANDUM OF UNDERSTANDING**

BETWEEN

**MAHATMA EDUCATION SOCIETY'S  
PILLAI HOC COLLEGE OF ENGINEERING AND TECHNOLOGY, RASAYANI  
AND**

**STRUCTWEL DESIGNERS AND CONSULTANTS PVT. LTD. MUMBAI**

This agreement is made and entered into on the day Thursday, dated 8<sup>th</sup> November 2019, by and between Mahatma Education Society's Pillai HOC College of Engineering And Technology (PHCET) (An Institute approved by AICTE, DTE Maharashtra & Government of Maharashtra) Institute is Accredited as "A" grade by NAAC and 2 programmes are NBA Accredited located at Pillai HOC Educational Campus, Rasayani, Via Panvel, District, Raigad. Pin-410 207 and Structwel Designers and Consultants Pvt. Ltd. Mumbai, Plot No. 15, Sector 24, Off Sion Panvel Highway, Turbhe, Navi Mumbai - 400 705. Maharashtra, India

**PRINCIPAL**

Mahatma Education Society's  
Pillai HOC College of  
Engineering and Technology.

Pillai's HOC Educational Campus  
Rasayani, Tal. Khalepur  
Dist. Raigad. Pin-410 207



## 1. OBJECTIVE OF THE MoU

The objective of this memorandum of understanding is to promote and enhance the industry interaction of the institutes in mutually beneficial areas and provide a formal basis for initiating interaction between PHCET Rasayani and Structwel Designers and Consultants Pvt. Ltd., Mumbai

## 2. PROPOSED MODE OF COLLABORATION

PHCET, Rasayani and the Structwel Designers and Consultants Pvt. Ltd. proposes to collaborate through:

- a) Placement drive to be conducted for UG & PG students of PHCET.
- b) Consultancy projects can be done mutually.
- c) In plant training /internship facilities to be provided for UG & PG students of PHCET to expose them to latest technologies.
- d) Sponsored Project for UG & PG Students of PHCET.
- e) Invited talks/Expert Lectures/ guest lectures will be delivered by expert from Structwel Designers and Consultants Pvt. Ltd for PHCET faculty & students.
- f) Any other appropriate mood of interaction agreed upon between PHCET and the Structwel Designers and Consultants Pvt. Ltd.

The collaboration will be coordinated by Mr. Raju Narwade from PHCET and Mr. Kaustubh Raikar from Structwel Constructions Pvt. Ltd.

## 3. TECHNICAL AREAS OF COLLABORATIONS

The principal technical areas of collaboration between PHCET, Rasayani and Structwel Designers and Consultants Pvt. Ltd will be related to the various Civil Engineering and other Multidisciplinary aspects.

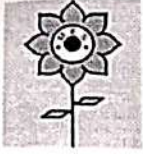
## 4. CONFIDENTIALLY

PHCET Rasayani and Structwel Designers and Consultants Pvt. Ltd. Agree to hold in confidence all information /Data designated by the parties as being confidential, which is obtained from either party or created during the performance of this MoU and will not disclose the same to any third party without written consent of the other party.

**PRINCIPAL**

Mahatma Education Society's  
Pillai HOC College of  
Engineering and Technology,  
Pillai's HOC Educational Campus  
Rasayani, Tal. Khalepur  
Dist. Raigad, Pin-410 207





## 5. TERMS AND TERMINATION

- This MoU unless extended by mutual written agreement of all the parties, shall expire 05 years 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.
- The termination of MoU, whether mutual or unilateral, shall not affect the obligations of the participants under any research agreement.

## 6. SIGNED IN DUPLICATE

*This MoU is expected 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 PHCET Rasayani,

On behalf of Structwel Designers and Consultants Pvt. Ltd.

By:

Name: Dr. Madhumita Chatterjee

Title: Principal, PHCET  
**PRINCIPAL**  
Pillai HOC College of  
Engineering & Technology  
Pillai HOC Educational Campus,  
Rasayani, Tal. Khalapur,  
Dist. Raigad - 410 207.

Date:

By:

Name: Mr. Kaustubh Raikar

Title: Executive Director, Structwel Designers and  
Consultants Pvt. Ltd

Date:



Name: Dr. K. M Vasudevan Pillai  
Title: Chairman & CEO MES

Witness

Date:

**PRINCIPAL**  
Mahatma Education Society's  
Pillai HOC College of  
Engineering and Technology,  
Pillai's HOC Educational Campus  
Rasayani, Tal. Khalapur,  
Dist. Raigad, Pin-410 207



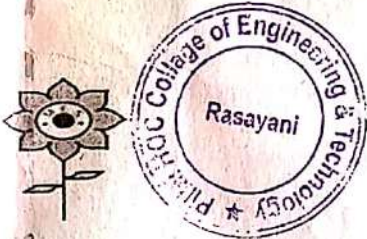
महाराष्ट्र MAHARASHTRA

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UP 912753



*[Signature]*  
उपनिवेश अधिकारी  
सुधागड-पाली  
28 JUN 2019



**MEMORANDUM OF UNDERSTANDING**

BETWEEN

MAHATMA EDUCATION SOCIETY'S  
PILLAI HOC COLLEGE OF ENGINEERING AND TECHNOLOGY, RASAYANI  
AND  
CHETAN CONSTRUCTION, PALI, SUDHAGAD, RAIGAD, 410 205.

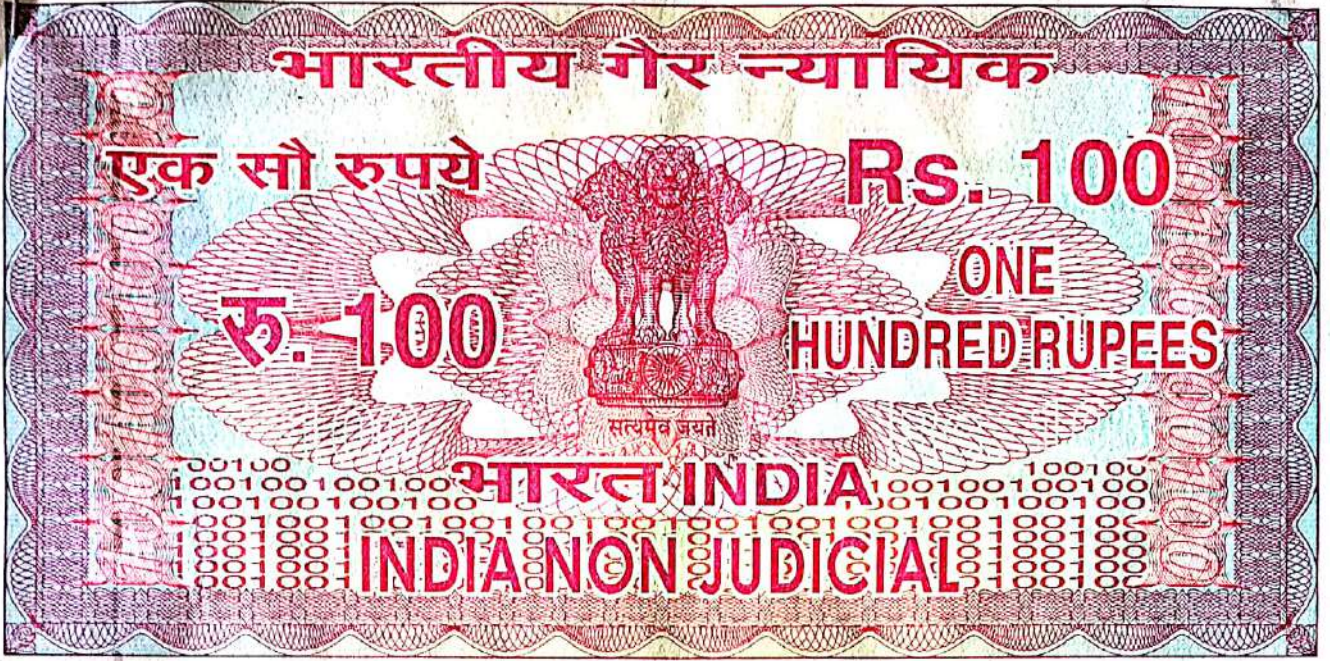
This agreement is made and entered into on day Thursday dated 1<sup>st</sup> September 2019 by and between Mahatma Education Society's Pillai HOC College of Engineering and Technology (PHCET) (An Institute approved by AICTE, DTE Maharashtra & Government of Maharashtra) Institute is Accredited as "A" grade by NAAC and 2 programmes are NBA Accredited located at Pillai HOCL Educational Campus, Rasayani, Via Panvel, District, Raigad. Pin-410 207 and

*[Signature]*



**PRINCIPAL**

Mahatma Education Society's  
Pillai HOC College of  
Engineering and Technology,  
Pillai's HOC Educational Campus  
Rasayani, Tal. Khalepur  
Dist. Raigad. Pin-410 207



महाराष्ट्र MAHARASHTRA

पूरधठबाबा दिनांक  
हयकोषागाराचे नांव-पनवेल,  
दि. रायगड.

9 SEP 2019



हयकोषागारा अधिकारी  
नाम - रायगड.

2019 5

VR 210423

जाडपत्र - २/Annexure-II  
मुद्रांक विक्री नोंद अनुक्रमांक 31481

दिनांक 11/9/19

दस्ताचा प्रकार ..... करार ..... दस्त नोंदणी करणार आहेत का - होय/नाही

मिळकतीचा दर्जा .....

मुद्रांक विक्रीत घेण्याबाबतचे नोंद घेण्याची .....  
J. M. MHATRE INFRA PVT. LTD.

दुस-या पक्षकाराचे नाव .....  
उना

हस्ते असल्यास त्याचे नांव, पत्ता व स्थान .....  
जे. पी. एस.

मुद्रांक शुल्क रक्कम .....  
1002

परवाना मुद्रांक विक्रीत घेण्याबाबतचे नोंद घेण्याबाबतचे  
मुद्रांक विक्रीत घेण्याबाबतचे नोंद घेण्याबाबतचे

श्री. सुनिल विठ्ठल परदेशी  
श्री. अनंत कृष्ण त्रिवेदी आणि टायपिंग यंत्रणे  
रायगड, अजुनली - पनवेल २/१०-१७

या आगगासाठी यांचे मुद्रांक खरेदी केल्या जाऊन त्याच कारणासाठी मुद्रांक खरेदी केल्याबाबत ६ महिनात टाकणी घेण्याबाबतचे नोंद घेण्याबाबतचे

**MEMORANDUM OF UNDERSTANDING**

BETWEEN  
MAHATMA EDUCATION SOCIETY'S  
PILLAI HOC COLLEGE OF ENGINEERING AND TECHNOLOGY, RASAYANI  
AND  
J M MHATRE INFRA PRIVATE LIMITED

This agreement is made and entered into on day Thursday dated 1<sup>st</sup> September 2019, by and between Mahatma Education Society's Pillai HOC College of Engineering and Technology (PHCET) (An Institute approved by AICTE, DTE Maharashtra & Government of Maharashtra) Institute is Accredited as "A" grade by NAAC and 2 programmes are NBA Accredited located at Pillai HOCL Educational Campus, Rasayani, Via Panvel, District, Raigad. Pin-410 207 and J.M.Mhatre Infra Private Limited, Plot No 492 Sahakar Nagar Market Yard, Old Panvel, Navi Mumbai, Maharashtra 410206.

*(Signature)*

PRINCIPAL

Mahatma Education Society's  
Pillai HOC College of  
Engineering and Technology.

Pillai's HOC Educational Campus  
Rasayani, Tal. Khalepur  
Dist. Raigad. Pin-410 207



महाराष्ट्र MAHARASHTRA

10 DEC 2019  
 मुख्याधिकारी  
 अर्थकोषागार रावे भंड-पवनेल,  
 वि. रायगड.

अर्थकोषागार अधिकारी  
 रावे भंड - रायगड.



2019

VP 889277

जाड पत्र - २ / Annexure-II  
 मुद्रांक विक्री नोंद अनुक्रमांक 60393 दिनांक 31/12/19  
 दस्ताचा प्रकार कुरल दस्त नोंदणी करणार आहेत का - होय/नाही  
 पत्रकतीचा वर्ण  
 मुद्रांक बिकत घेणा-याचे नांव व राहो पिल्मंड इय. डो. र्सी. कॉ. डी. गि.  
 दुस-या पक्षकाराचे नाव र्शायनी  
 हस्त-या असल्यास त्याचे नांव, पत्ता व राहो शत्रु. नरवडे  
 मुद्रांक शुल्क रक्कम 100/-  
 परवाना मुद्रांक विक्रेत्याची भरी व परवाना क्रमांक  
 मुद्रांक बिक्रीचे ठिकाण व पत्ता  
 श्री. सुनिल विठ्ठल परदेशी  
 श्री सधर्ष कृपा इन्फ्रास्ट्रक्चर्स अँड टायपिंग नवसे  
 पवनेल, अन्वजनी - पवनेल २१, २१७



PRINCIPAL  
 Pillai HOC College of  
 Engineering & Technology  
 Pillai HOCL Educational Campus,  
 Rasayani, Tal. Khelapur,  
 Dist. Raigad - 410 207.

**MEMORANDUM OF UNDERSTANDING**

BETWEEN

**MAHATMA EDUCATION SOCIETY'S  
 PILLAI HOC COLLEGE OF ENGINEERING AND TECHNOLOGY, RASAYANI  
 AND  
 JOG INFRASTRUCTURES PRIVATE LIMITED**

**Jog Infrastructures Pvt. Ltd.**

Director

This agreement is made and entered into on day friday dated 17<sup>th</sup> January 2020 by and between Mahatma Education Society's Pillai HOC College of Engineering and Technology (PHCET)(An Institute approved by AICTE, DTE Maharashtra & Government of Maharashtra). Institute is Accredited as "A" grade by NAAC and 2 programmes are MBA Accredited located at Pillai HOCL Educational Campus, Rasayani, Via Panvel, District, Raigad. Pin-410 207 and Jog Infrastructures Private Limited, 1355, Sadhana, Near Ram Mandir, Brahmin Ali, Alibag, Tal-Alibag, Dist- Raigad, Maharashtra 402201.

PRINCIPAL  
 Mahatma Education Society's  
 Pillai HOC College of  
 Engineering and Technology,  
 Pillai's HOC Educational Campus  
 Rasayani, Tal Khelapur  
 Dist. Raigad. Pin-410 207



## 1. OBJECTIVE OF THE MoU

The Objective of this memorandum of understanding is to promote and enhance the Industry interaction of the institutes in mutually beneficial areas and provide a formal basis for initiating interaction between "PHCET", Rasayani and "Jog Infrastructures Private Limited", Alibaug.

## PROPOSED MODE OF COLLABORATION

PHCET, Rasayani and Jog Infrastructures Private Limited, propose to collaborate through:

- a) Placement drive for UG and PG students of Department of Civil Engineering of PHCET
- b) Training/ Internship facilities to be provided for UG & PG students of Department of Civil Engineering PHCET to expose them to Construction methodology, technology & management.

Any other appropriate mode of interaction agreed upon between PHCET and the Jog Infrastructures Private Limited.

The collaboration will be coordinated by Mr. Ms. SANDEEP G.V. from PHCET and Mr. Akash P. Jog from Jog Infrastructures Private Limited.

## 2. TECHNICAL AREAS OF COLLABORATIONS

The principal technical areas of collaboration between PHCET, Rasayani and from Jog Infrastructures Private Limited will be related to the various Civil Engineering and other Multidisciplinary aspects.

## 3. CONFIDENTIALLY

PHCET Rasayani and Jog Infrastructures Private Limited, agree to hold in confidence all

information /Data designated by the parties as being confidential, which is obtained from either party or created during the performance of this MoU and will not disclose the same to any third

party without written consent of the other party.

  
**PRINCIPAL**  
Pimpri HOC College of  
Engineering & Technology,  
Pimpri HOC Educational Campus,  
Rasayani, Tal. Khelapur,  
Dist. Raigad, Pin-410 207

**Jog Infrastructures Pvt. Ltd.**

  
Director

**PRINCIPAL**  
Mahatma Education Society's  
Pimpri HOC College of  
Engineering and Technology,  
Pimpri's HOC Educational Campus  
Rasayani, Tal. Khelapur  
Dist. Raigad, Pin-410 207



#### 4. TERMS AND TERMINATION

- a) This MoU unless extended by mutual written agreement of all the parties, shall expire 5 years after the effective date specified in the opening paragraph.
- b) This MoU may be amended or terminated earlier by mutual written agreement of the parties at any time
- c) Either party shall have the right to unilaterally terminate this MoU upon 60 days prior written notice to the other party.
- d) The termination of MoU, whether mutual or unilateral, shall not affect the obligations of the participants under any research agreement.

#### 6. SIGNED IN DUPLICATE

*This MoU is expected 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 PHCET, Rasayani

On behalf of Jog Infrastructures Private Limited.

By:

Name: Dr. Madhumita Chatterjee

Title: Principal- PHCET

**PRINCIPAL**

Pillai HOC College of  
Engineering & Technology  
Pillai HOCL Educational Campus  
Rasayani, Tal. Khatapur,  
Dist. Raigad - 410 207.

Date:

By:

Name:

Title: Jog Infrastructures Private Limited.

Jog Infrastructures Pvt. Ltd.

Director

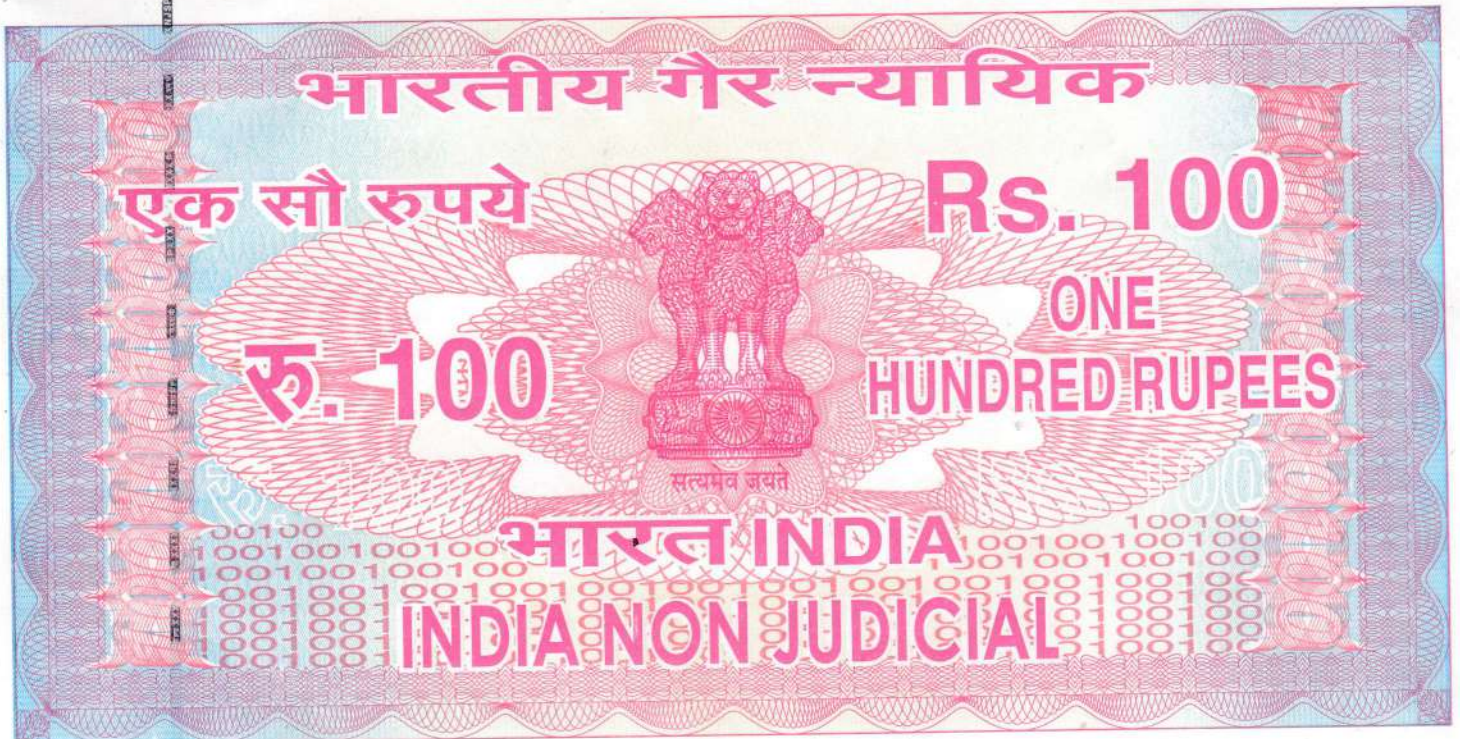
Date:



Name: Dr. K. M. Vasudevan Pillai  
Title: Chairman & CEO MES

Date:

**PRINCIPAL Witness**  
Mahatma Education Society's  
Pillai HOC College of  
Engineering and Technology.  
Pillai's HOC Educational Campus  
Rasayani, Tal. Khatapur,  
Dist. Raigad, Pin-410 207



महाराष्ट्र MAHARASHTRA

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WF 418785

मुख्यालय किर्लोस्कर  
इंजिनियरिंग कॉलेज, रायगड,  
जिल्हा रायगड.

29 DEC 2020



उप-कोषागार अधिकारी  
पनवेल, रायगड

*Handwritten signature*

जाड पत्र - २ / Annexure-II  
 मुद्रांक विक्री नोंद अनुक्रमांक ..... 37244 ..... दिनांक 6-1-2021  
 दरताचा प्रकार ..... अरि ..... दस्त नोंदणी करणार आहेत का - होय/नाही  
 मिळवून देण्याची गरज  
 मुद्रांक विक्रीचे वेळापत्रक किती दिवस संपूर्ण ..... 21/12 ..... अर्जात  
 हुस-वा पक्षकाराचे नाव ..... .....  
 हाते असल्यास त्याचे नाव, पत्ता व सही .....  
 मुद्रांक शुल्क रक्कम ..... 1.7 .....  
 परधाना मुद्रांक विक्रीसाठी सही व परधाना क्रमांक  
 मुद्रांक विक्रीचे ठिकाण व पत्ता  
 श्री. सुनिल विठ्ठल परदेशी  
 श्री सपर्य कृपा इंजिनियरिंग टाव्हनिंग चॅम्पस  
 पनवेल, अनुक्रमांक - पनवेल २/१०-१७



**MEMORANDUM OF UNDERSTANDING**

BETWEEN

MAHATMA EDUCATION SOCIETY'S

PILLAI HOC COLLEGE OF ENGINEERING AND TECHNOLOGY, RASAYANI

AND

SP CONCARE PVT. LTD., SANGLI

This agreement is made and entered into on day Friday dated 1<sup>st</sup> January 2021 by and between Mahatma Education Society's Pillai HOC College of Engineering and Technology. (PHCET) (An institute approved by AICTE, DTE Maharashtra & Government of Maharashtra). Institute is Accredited as "A" grade by NAAC and 2 programs are NBA Accredited located at Pillai HOCL Educational Campus, Rasayani, Via Panvel, District, Raigad. Pin-410 207 and SP Concure Pvt. Etd. 480, Warad Plaza, Madhav Nagar Road, Chintamani Nagar, Sangli, Maharashtra 416416.

*Handwritten signature*  
 PRINCIPAL  
 Mahatma Education Society's  
 Pillai HOC College of  
 Engineering and Technology  
 Educational Campus  
 Rasayani, Tal. Khelapur,  
 Dist. Raigad. Etd. 480, Warad Plaza

*Handwritten signature*  
 Pillai HOC College of Engineering and Technology  
 Rasayani



## 1. OBJECTIVE OF THE MoU



The objective of this memorandum of understanding is to promote and enhance the Industry interaction of the institutes in mutually beneficial areas and provide a formal basis for initiating interaction between PHCET Rasayani and SP Concare Pvt. Ltd.

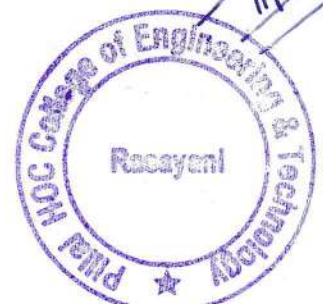
## 2. PROPOSED MODE OF COLLABORATION

PHCET, Rasayani, and the SP Concare Pvt. Ltd. propose to collaborate through:

- a) Invited talks/guest lectures will be delivered by an expert from S.P Concare for PHCET faculty & students.
- b) ISRO Outreach Programme to be made available for staff of SP Concare Pvt. Ltd. in the field of Remote Sensing, GIS, and other Geospatial Technologies.
- c) Sponsored Project for UG & PG Students of PHCET.
- d) Sponsorship will be for our own projects.
- e) For product testing instrument under our guidance should be levied cost for our own products.
- f) Primary product testing will be followed as Anti-Carbonation test, Water penetration, Concrete Curing Efficiency, Salt Spray Resistant Test, Solar Reflective Index Test (SRI) & othertests if any with mutual scope.
- g) In-plant training /internship facilities to be provided for UG & PG students of PHCET to expose them to the latest technologies.
- h) Consultancy projects can be done mutually.
- i) Any other appropriate mood of interaction agreed upon between PHCET and the SP Concare Pvt. Ltd.

The collaboration will be co-ordinated by Mr. Karthik Nagarajan from PHCET and Mr. Sameer Kulkarni from SP Concare Pvt. Ltd.

  
  
**PRINCIPAL**  
Mahatma Education Society  
Pillai HOC College of  
Engineering and Technology  
Pillai's HOC Educational Campus  
Rasayani, Tal. Khelapur  
Dist. Raigad, Pin-410 207







### 3. TECHNICAL AREAS OF COLLABORATIONS

The principal technical areas of collaboration between PHCET, Rasayani, and SP Concare Pvt. Ltd. will be related to the various Civil Engineering and other Multidisciplinary aspects.

### 4. CONFIDENTIALLY

PHCET Rasayani and SP Concare Pvt. Ltd. agree to hold in confidence all information /Data designated by the parties as being confidential, which is obtained from either party or created during the performance of this MoU and will not disclose the same to any third party without the written consent of the other party.

### 5. TERMS AND TERMINATION

- a) This MoU unless extended by mutual written agreement of all the parties, shall expire 05 years after the effective date specified in the opening paragraph.
- b) This MoU may be amended or terminated earlier by mutual written agreement of the parties at any time
- c) Either party shall have the right to unilaterally terminate this MoU upon 60 days prior written notice to the other party.
- d) The termination of MoU, whether mutual or unilateral, shall not affect the obligations of the participants under any research agreement.



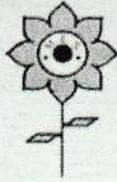
PRINCIPAL

Mahatma Education Society's  
Pillai HOC College of  
Engineering and Technology,  
Pillai's HOC Educational Campus  
Rasayani, Tal. Khelapur  
Dist. Raigad, Pin-410 207



Rasayani





## 6. SIGNED IN DUPLICATE

*This MoU is expected 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 PHCET, Rasayani

On behalf of SP Concure Pvt. Ltd.

By:



Name: Dr. Mathew. T. Joseph

Title: Principal - PHCET

By:



Name: Mr. Sameer Kulkarni

Title: SP Concure Pvt. Ltd.

Date:

Date:

Name: Dr. K. M. Vasudevan Pillai

Title: Chairman & CEO MES

Witness

Date:

**PRINCIPAL**

Mahatma Education Society's  
Pillai HOC College of  
Engineering and Technology,  
Pillai's HOC Educational Campus  
Rasayani, Tal. Khelapur  
Dist. Raigad, Pin-410 207



महाराष्ट्र MAHARASHTRA

पूरवच्याचा दिनांक  
उपकोषागारचे नांव-परदेशी,  
मि. रायगड.

12 JUL 2019



उप कोषागार अधिकारी  
पन्वेल - रायगड

Rathod

© 2018 ©

UP 785274

आड पर. १/Annexure-II

पुस्तक विक्रीचा नंबर अंकुशंक

20512

दिनांक

15-7-19

दस्तावाचा प्रकार

अरि

दस्तावाची करणार आदेश का - होय/नाही

पिस्तकतीचा दर्जा

पुस्तकाचा विकत घेणा-याचे नांव व सही

महात्मा एज्युकेशन सोसि

दुस-या पक्षकाराचे नाव

हसने भ्रमत्यास त्याचे नांव, बत्ता व सही

शिकरी अगसि

पुस्तकाचा शुल्क रक्कम

०-०

पुस्तकाचा विक्रीचा नंबर व पुस्तकाचा अंकुशंक  
पुस्तकाचा विक्रीचे ठिकाण व पत्ता

श्री. सुनिल विठ्ठल परदेशी

श्री. सुनिल विठ्ठल परदेशी  
श्री. सुनिल विठ्ठल परदेशी  
परदेशी, अहमदनगर - पन्वेल ४११०१३

या दस्तावासाठी अंकुशंक पुस्तकाचा विक्रीचा नंबर व पुस्तकाचा अंकुशंक पुस्तकाचा विक्रीचा ठिकाण व पत्ता

### Memorandum of Understanding

between

BIOCRUX India Pvt. Ltd., Mumbai

And

Pillai HOC College of Engineering & Technology, Rasayani

(For collaborative Research)

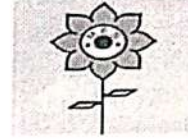
This Memorandum of Understanding (hereinafter referred to as MoU) is made on this 15<sup>th</sup> day of the month of July in the year 2019 by and between the BIOC RUX India Pvt. Ltd. , having its head Office at Monarch Plaza, Plot No.56, Sec-11, CBD Belapur, Navi Mumbai Maharashtra, India- 400 614 an Autonomous Body [hereinafter called the First party], on the ONE PART and the MES's Pillai HOC College Of Engineering and Technology located at Khalapur, HOC Colony Rd, Taluka, Rasayani, Maharashtra 410207, a self financed Engineering College run by Mahatma Education Society

1

proper and effective implementation of this MOU.

### PRINCIPAL Exchange of Information

Mahatma Education Society's  
Pillai HOC College of  
Engineering and Technology,  
Pillai's HOC Educational Campus  
Rasayani, Tal. Khalapur  
Dist. Raigad. Pin-410 207



having its Head Office at Chembur Naka, Mumbai [hereinafter called Second party] who for the purpose of this MoU are hereinafter collectively referred to as the parties.

The parties, having discussed fields of common research interests and allied activities between the two institutions, have decided to enter into long-term collaboration for promotion of research and development in cutting edge areas of Engineering, Technology and packaging in accordance with the provisions contained in the Guidelines issued by head offices of both the parties or as revised from time to time.

WHEREAS the "First Party" is involved in the business of developing, assembling and deploying of user friendly recycling machines at Point of consumption for wastes, provide 360 degree solution by collection and recycling.

AND WHEREAS the "Second Party" is involved in research and education in the areas of Science, Engineering and Technology

AND WHEREAS it has been considered expedient to agree in writing to participate jointly in the projects requiring expertise and logistics from both the parties

#### Article 1. Scope

1.1 The Second party will recognize the First party as an Institute for conducting research and development in the field of cutting edge areas of Engineering, Technology, Packaging and waste management like Automation, Functionality, IOT etc and vice versa. The First party will recognize Second part as Scientists/knowledge partners of the MES's Pillai HOC College of Engineering & Technology, as recommended by its Principal in accordance with the service rules and regulations for undertaking collaborative research projects.

1.2 Operational details of research effort and collaboration will be made in common research areas/ programs and/or projects restricted to specific mandated domain within the approved disciplines/divisions.

1.3 Research instrumentation facility and library facilities available with the First party and the Second party will be made available to the faculty, Scientists, students and research scholars. However, the costs of specific consumables / operational costs of the equipment etc will be borne by the respective organizations.

#### Article 2. Management

2.1 Managing Director of the First party and the Head of the Institution of the Second party will be responsible to work out operational details of co-operation between the two organizations and ensure proper and effective implementation of this MOU.

**PRINCIPAL**

Mahatma Education Society's  
Pillai HOC College of  
Engineering and Technology,  
Pillai's HOC Educational Campus  
Rassyan, Tal. Khalepur  
Dist. Raigad, Pin-410 207



3.1. The term "information" includes scientific or technical data, results and/or methods of investigation, and other information intended to be provided, exchanged, or arising under project descriptions entered into pursuant to this MOU.

3.2. The parties support the widest possible dissemination of information. Each party in joint projects shall be given the right to use, disclose, publish or disseminate such information for any purposes on mutual agreement/ written consent from each other.

#### Article 4. General Provisions

4.1 It is understood that the First party and the Second party subscribe to the principle of equal opportunity and do not discriminate on the basis of race, sex, age, caste or religion. Both the Institutions shall abide by these principles in the administration of this agreement and neither party shall impose criteria for exchange of scholars or students, which violate principles of non-discrimination.

4.2 Both parties understand that all financial arrangements required for undertaking the proposed research/ training will have to be agreed upon separately.

4.4 Any research publications arising will be published in accordance with the provisions laid out in Item 3.2 of the Guidelines for the students to conduct research for their degree program as trainees or interns at **BIOCRUX India Pvt. Ltd.** as notified *vide* the guidelines, if any, as may be issued from time to time.

4.5 No part of the work done in collaboration with MES's Pillai HOC College of Engineering and Technology will be published in print/ electronic media in any form without prior written consent of MES's Pillai HOC College Of Engineering & Technology authority and vice versa.

4.6 All questions related to this MOU arising during its term will be settled by the parties by mutual agreement. Disagreements at the operating level shall be forwarded to respective higher officials for appropriate resolution, failing which an arbitrator of mutual acceptance may be identified for the settlement of dispute, if any.

4.7 All questions not foreseen related to this MOU will be handled by the parties by mutual agreement.

4.8 Nothing in this MOU is intended to affect other cooperation or collaboration between the parties.

#### Article 5. Intellectual Property Rights

5.1 Both the parties will be expected to ensure protection of the Intellectual Property Rights generated or likely to be generated during the student's research work and vice versa. Both the parties shall be joint applicants for any of the IPRs likely to be generated as collaborative research work. The first or second applicant among the two parties shall be decided based on Principal Investigator/s of the research work. **BIOCRUX India Pvt. Ltd.** Mumbai as the first applicant and the Second party shall be the joint applicants for IPRs and scientific staff involved shall be included as the inventor//author. For exploitation of the generated intellectual property, whose management and benefits sharing shall be mutually decided in each case.

#### Article 6. Entry into effect, modification, termination and jurisdiction

6.1. This MOU shall become effective on the date it is signed by the parties and shall be valid for three years extendable up to five years. Both parties shall review the status of the MOU at the end of each three/five year period to determine any modification, whenever necessary. The period of validity of this MOU may be extended by mutual consent up to five years. This MOU may be amended by mutual written agreement at any time by either parties upon written notification signed by the competent authority of the party initiating termination. Such notification must be given to the other party at least six months in advance from the effective date of termination.



6.2 Principal MES's Pillai HOC College Of Engineering & Technology will have discretion to terminate this MOU at any time without citing any reason and vice-versa.

6.3. All joint activities not completed at the expiration or termination of the MOU may be continued until their completion under the terms of this MOU.

6.4 No amendment or modification of the MOU shall be valid unless the same is made in writing by both the parties or their authorized representatives and specifically stating the same to be amendment of the MOU. The modifications/changes shall become part of the MOU and shall be effective from the date on which they are made/executed, unless otherwise agreed to.

6.5 For all legal matters the jurisdiction of this agreement shall be Mumbai.

This MOU has been executed in two originals, one of which has been retained by the First party and the other by the Second party.

IN WITNESS WHEREOF, the parties have executed this MOU and represent that they approve, accept and agree to terms contained herein.

Name and Address of the First Party

Mr Aresh Sarkar, Managing Director  
BIOCRUX India Pvt. Ltd.  
Monarch Plaza, Plot No.56, Sec-11  
CBD Belapur, Navi Mumbai  
Maharashtra, India- 400 614

Name and Address of the Second Party

Dr. Madhumita A. Chatterjee, Principal  
MES's Pillai HOC College of  
Engineering & Technology  
Khalapur, HOC Colony Rd, Taluka  
Rasayani, Maharashtra 410207

Date 15/07/2019

Signature with seal

**BIOCRUX INDIA PVT. LTD.**

*[Signature]*  
**DIRECTOR**

Witness 1 \_\_\_\_\_

Name: AJAY MISHRA

Signature with seal

**PRINCIPAL**  
Pillai HOC College of  
Engineering & Technology  
Pillai HOC Educational Campus  
Khalapur, Tal. Anandpur,  
Dist. Raigad, Pin-410 207.



Witness 1 \_\_\_\_\_

Name: Dr. Sheela Lonjan

*[Signature]*  
*[Signature]*

Witness 2 \_\_\_\_\_

Name: Dr. Bishrajit Panda

*[Signature]*

Witness 2 \_\_\_\_\_

Name: (Dr. G.V. Parsh)

**PRINCIPAL**  
Mahatma Education Society's  
Pillai HOC College of  
Engineering and Technology,  
Pillai's HOC Educational Campus  
Rasayani, Tal. Khalapur  
Dist. Raigad, Pin-410 207



महाराष्ट्र MAHARASHTRA

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VP 889278

30 DEC 2019

जड सं. २/Annexure-II

मुद्रांक फिकी नॉट अनुक्रमांक

६०३९३

दिनांक ३०/१२/१९

सहायक निदेशक  
इकोनॉमिक्स विभाग-पनवेल,  
शिव. रायगड.



सहायक निदेशक  
अर्थशास्त्र विभाग-पनवेल.

दस्तावेजा प्रकार

करा

दस्त नोंदणी करणार आहेत का - होय/नाही

फिकी नोंदीचा प्रकार

मुद्रांक बिलकत घेणा-याचे नांव व गती फिल्म ई थुय. हो. सी. का. इंजि.

दुस-या पक्षाचा नांव

शहायनी

हस्त असल्यास त्याचे नांव, पत्ता व सही

राजू

नरकोडे

मुद्रांक शुल्क रक्कम

१००२

पत्तास मुद्रांक फिकी नोंदी करणे व पत्तास कर्पांक  
मुद्रांक फिकी नोंदी टिकवणे व पत्ता

श्री. सुनिल विठ्ठल परदेशी  
श्री सपर्ये कृपा इंजिनिअरिंग टेक्नॉलॉजी  
पनवेल, अनुक्रमांक - पनवेल २०१९

या कागदावर कोणतेही मुद्रांक छाने किंवा त्याची त्याच कारणासाठी मुद्रांक नोंदी केल्यास यावर दंडी लागू आहे. याची भरपाई करणे



**MEMORANDUM OF UNDERSTANDING**

BETWEEN

MAHATMA EDUCATION SOCIETY'S  
PILLAI HOC COLLEGE OF ENGINEERING AND TECHNOLOGY, RASAYANI  
AND  
PADECO INDIA PVT LTD (PIPL)



This agreement is made, and entered into on day Thursday dated 1st September 2019 by and between Mahatma Education Society's Pillai HOC College Of Engineering And Technology (PHCET) (An Institute approved by AICTE, DTE Maharashtra & Government of Maharashtra) Institute is Accredited as "A" grade by NAAC and 2 programmes are NBA Accredited located at Pillai HOCL Educational Campus, Rasayani, Via Panvel, District, Raigad. Pin-410 207 and PADECO India Pvt. Ltd. (PIPL), Sunteck Centre, 37-40, 4th Floor, Subhash Road, Navpada Netaji Subhash Nagar, Vile Parle Mumbai 400057, India

**PRINCIPAL**

Mahatma Education Society's  
Pillai HOC College of  
Engineering and Technology.  
Pillai's HOC Educational Campus  
Rasayani, Tal. Khalepur  
Dist. Raigad. Pin-410 207



## I. OBJECTIVE OF THE MoU

The Objective of this memorandum of understanding is to promote and enhance the Industry interaction of the institutes in mutually beneficial areas and provide a formal basis for initiating interaction between PHCET Rasayani and PADECO India Pvt. Ltd. (PIPL).

## PROPOSED MODE OF COLLABORATION

PHCET, Rasayani and the PADECO India Pvt. Ltd. (PIPL) propose to collaborate through:

- a) Invited Talks/Guest Lectures will be delivered by expert from PADECO India Pvt. Ltd. (PIPL) for PHCET faculty & students.
- b) ISRO Outreach Programme to be made available for staff of PADECO India Pvt. Ltd. (PIPL) in the field of Remote Sensing, GIS and other Geospatial Technologies.
- c) Placement drive for UG and PG students of Department of Civil Engineering of PHCE
- d) Sponsored Project for UG, PG Students Department of Civil Engineering of
- e) In plant training/ Internship facilities to be provided for UG, PG & PhD students of Department of Civil Engineering PHCET to expose them to latest technologies.
- f) Consultancy projects can be done mutually.
- g) Any other appropriate mood of interaction agreed upon between PHCET and the PADECO India Pvt. Ltd. (PIPL)

The collaboration will coordinated by Mr. Ms Sandeep Gujjar from PHCET and Mr. Ms. HIMANSHI GAUR (At A from PADECO India Pvt. Ltd. (PIPL)

## 2. TECHNICAL AREAS OF COLLABORATIONS

The principal technical areas of collaboration between PHCET, Rasayani and PADECO India Pvt. Ltd. (PIPL) will be related to the various Civil Engineering and other Multidisciplinary aspects.

## 3. CONFIDENTIALLY

PHCET Rasayani and PADECO India Pvt. Ltd. (PIPL), Agree to hold in confidence all information Data designated by the parties as being confidential, which is obtained from either party or created during the performance of this MoU and will not disclose the same to any third party without written consent of the other party.

## 4. TERMS AND TERMINATION

a) This MoU unless extended by mutual written agreement of all the parties, shall expire 2 years after the effective date specified in the opening paragraph.

b) This MoU may be amended or terminated earlier by mutual written agreement of the parties at any time

c) Either party shall have the right to unilaterally terminate this MoU upon 60 days prior which notice to the other party.

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Pillai's HOC Educational Campus  
Rasayani, Tal. Khalepur  
Dist. Raigad, Pin-410 207

**PRINCIPAL**

Pillai HOC College of  
Engineering & Technology  
Dist. Raigad, Educational Campus





- d) The termination of MoU, whether mutual or unilateral, shall not affect the obligations of the participants under any research agreement.

#### 6. SIGNED IN DUPLICATE

*This MoU is expected 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 executed, effective as of the day and year first above written.*

On behalf of PHCET Rasayani

On behalf of PADECO India Pvt. Ltd. (PIPL)

By:

Name: Dr. Madhumita Chatterjee

Title: ~~Principal~~ **PRINCIPAL**  
PHCET  
Pillai HOC College of  
Engineering & Technology  
Pillai HOC Educational Campus,  
Rasayani, Tal. Khetapur,  
Dist. Raigad - 410 207.

Date:

By:



Name:

Title: PADECO INDIA PVT LTD (PIPL)

Date: JANUARY 02, 2020



Name: Dr. K. M. Vasudevan Pillai

Title: Chairman & CEO MES

Witness

Date:

**PRINCIPAL**

Mahatma Education Society's  
Pillai HOC College of  
Engineering and Technology,  
Pillai's HOC Educational Campus  
Rasayani, Tal. Khetapur  
Dist. Raigad, Pin-410 207



**Understanding**

**between**

**Tata Power Skill Development Institute  
(TPSDI)**

**and**

**Pillai HOC College of Engineering and Technology,  
Rasayani  
(College)**

Date: 10/08/2022

**PRINCIPAL**

Mahatma Education Society's  
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Rasayani, Tal. Khelapur  
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2019

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## 1. Background

The Tata Power Skill Development Institute (TPSDI) is an endeavor from the Tata Power Company to empower youth and others with employable skills, especially in the Power and allied sectors, and to address the skill gap challenge faced by the Indian Power Sector.

The Institute provides modular training and certification across a wide range of employable skills.

The Institute has set up five training hubs in four locations in the country leveraging the facilities of Tata Power and its JV/Subsidiaries:

- Shahad - Mumbai, Maharashtra
- Trombay - Mumbai, Maharashtra
- Maithon - Dhanbad, Jharkhand
- Mundra - Kutch, Gujarat
- Jojobera - Jamshedpur, Jharkhand

The Institute's unique training approach is designed for delivering skills with **speed, scale, and standards.**

Given the needs of Engineering students - Skills for the Power Sector, Specialized Skills for specific domains of operations in the Power Sector and Allied fields, TPSDI and the College wish to collaborate to bring together the resources and expertise for the benefit of the students.

This Understanding describes the Joint and Individual obligations that TPSDI and College agree to fulfill, to realize the potential of their synergy.

Each is referred to as "Party" in this Understanding, or jointly as "Parties". College includes the Students enrolled with the College.

## 2. Understanding

College has requested TPSDI to offer courses of training at TPSDI for bringing about Power Plant Familiarization for students undergoing their curriculums and/or desirous of taking the Industry Certification courses/facilities offered by TPSDI.

Courses and fee structures will be mutually agreed upon between TPSDI and the College.

The Fees structure for Basic courses is as defined below, which will be remitted by DD, by College/student to The Tata Power Company Limited, on or before the commencement of the course:

TVAS Courses Electrical /Solar	1.10.2021 to 30.09.2022
15Hrs Online Course Fees per student per week*	1000

\*GST Included

No. of students expected per year: 100

**3. Obligations of Students and College**

- All students enrolled in the course at TPSDI will follow the TPSDI Code of Conduct and Safety Norms for Students.
- 

**4. Obligations of TPSDI**

- TPSDI will conduct the course and assessments with all classroom, practical, and site visit components as per the course curriculum laid down by TPSDI.
  - The students will be awarded a Certificate by TPSDI after they undergo the course and assessments successfully.
- 

**5. Intellectual Property and Copyrights**

Both parties recognize that the concepts, designs, plans, content, assessments, and processes that are developed by either party, will remain the Intellectual Property and Copyright of that party at all times.

Neither party will infringe upon the Copyright of the other party. If any use or re-use of the materials of the other party are required, it can be done only after consent in writing is provided.

---

**6. The use of Logos**

Both parties can use the Logo of the other party, for demonstrating the mutual understanding and partnership contained in this Understanding, on approval in writing or as confirmed over email correspondence, of the exact context of use, and as approved in each instance.

---

**7. Effective Date, Term and Termination**

- a. This Understanding is valid with effect from the date of the last signature at the end of the document.
  - b. This Understanding is valid for One (01) Year as in Sec 2 unless terminated before that. The achievements and progress under the Understanding will be reviewed by both the parties at the Anniversary of the Understanding.
  - c. This Understanding can be terminated by either party at any time, for any reason, with a communication to the Contact person of the other party. Any open transactions at that time will be taken forward to closure as may be mutually agreed. Any Commercial transactions open at that time will be settled and closed within 30 days.
- 

**8. No Licenses**

This Understanding is only describing a Business Relationship and should not be construed to mean any form of ownership or license to either party except as stated in this Understanding.

There are no other rights granted to either party by the other, except as stated in this Understanding.

---




## 9. Points of Contacts

For managing the activities under this Understanding, the Contact Persons responsible at either party are as follows, including their contact and location details:

For TPSDI	For College
Name: S K Mahajan	Name: : Dr. J. W. Bakal
Desig: Principal-TPSDI Shahad	Desig: Principal, PHCET
Address: TPSDI-Shahad, Tata Power Co Ltd. Ambarnath Receiving Station, near Varap Village, Murbad Road, via Kalyan. Pin 421301	Address: Pillai HOC College of Engineering and Technology Raigad, Via Panvel (Navi Mumbai), Rasayani, Taluka – Khalapur Dist. Raigad, 410 207, Maharashtra, India
Tel:02267174735 Mob: 9223580347 FAX:	Tel: 02192 - 669000/669001/669003 Mob: +91 9820723812 FAX: +91
Email:	Email: <a href="mailto:principal.phcet@mes.ac.in">principal.phcet@mes.ac.in</a>
Registered Office Address: Tata Power Company Limited, Bombay House, 24 Horni Mody Street, Mumbai - 400001	Registered Office Address: (same as above)

## 10. Signatures

For TPSDI	For College
	
Name: S K Mahajan	Name: Dr. J. W. Bakal
Desig: Principal –TPSDI	Desig: Principal, PHCET
Date:	Date: 10/08/2022

Mr. J. C. Mistry, Chief-TPSDI

– 0 –

**PRINCIPAL**  
Mehatma Education Society's  
Pillai HOC College of  
Engineering and Technology,  
Pillai's HOC Educational Campus  
Rasayani, Tal. Khalapur,  
Dist. Raigad, Pin-410 207

# MEMORANDUM OF UNDERSTANDING

This memorandum of understanding is signed between the

**Pillai HOC College of Engineering and Technology,**  
located at Pillai HOCL Educational Campus, Rasayani, Maharashtra  
(henceforth referred to as PHCET)

And

**TeleNetworks Technologies, Vashi, Navi Mumbai, Maharashtra**  
(henceforth referred to as TeleNetworks)

On Saturday, the 25<sup>th</sup> March 2017

Both the above parties agree to the following:

## Responsibilities of PHCET:

1. PHCET will provide all organizational requirements for on-campus training of CCNA - Routing & Switching for all students for 40 hours.
2. PHCET will collect a sum of Rs. 4500/- (Rupees Four Thousand and Five Hundred Only) towards the Training fee from each student.
3. PHCET will pay Tele a sum of Rs. 3500/- (Rupees Three Thousand and Five Hundred) per student through Cheque/NEFT (as the case may be). In case of a cheque, the cheque will be drawn on "TeleNetworks Technologies". In case of NEFT, payment will be on the details of NEFT that will be provided by Tele.
4. Payment to Tele will be done in two tranches - 50% of the fees upon successful registration of a batch and the remaining 50% upon successful completion of the course with reasonable good feedback.
5. PHCET will nominate a single point of contact (SPC) for this activity.
6. PHCET will provide food for trainers during the duration of the event.  
PHCET will put Tele's official logo and weblink on the college website.  
PHCET will take feedback from the participants periodically. PHCET will share the findings of the feedback with the SPC of Tele.
9. PHCET will insist on each student to carry his/her own laptops for performing practical.



## Responsibilities of TeleNetworks:

1. TeleNetworks will provide an expert for conducting the training.
2. TeleNetworks will nominate a single point of contact (SPC) for this activity.
3. In case of inferior feedback, TeleNetworks will provide with a replacement.
4. Forty hours Training of CCNA - Routing and Switching.
5. TeleNetworks will prove and demonstrate practically whatever is taught in theory.
6. TeleNetworks would teach the whole Cisco (Routing and Switching) Blueprint which will be covering the Exams (ICND1+ICND2)V3.0

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7. TeleNetworks would conduct Classroom Training sessions with the help of detailed Power Point Presentations and Case studies of NSN Networks.
8. TeleNetworks would conduct practical laboratory sessions on Cisco Routers & Switches and individually on Cisco Packet Tracer of all theoretical concepts taught.
9. Practical sessions will be conducted in batches of 4 students per group.
10. Lab sessions will be conducted by Chief Mentor along with requisite number of Assistants.
11. TeleNetworks will provide each student with a Practical Lab Manual with detailed commands and topology to be implemented.
12. TeleNetworks shall not redistribute / misuse for any purpose any of the students' database that is provided by PHCET. Prior permission from PHCET is mandatory before any kind of re-distribution of student databases.

### Joint Responsibilities

1. **Certification:** All successful students will be awarded a certificate of participation that is jointly signed by Tele and PHCET.
2. Both parties agree to maintain complete transparency as far as this MOU is concerned.
3. Both parties will not disclose any details of the specifics of the monetary transactions or other partnership details to any third party without prior approval of the other party.
4. All negotiations must be carried out only with the assigned person(s).
5. Both the parties reserve their right to come out of this MOU by giving a suitable notice in advance of at least one month.
6. Both the parties reserve the right to withdraw from the partnership in the case of a violation in any of the aforesaid rules. The same is also applicable if the partnering associate is involved in any anti-social/ criminal lawsuits during the course of time.

Signature of signing authority on behalf of TeleNetworks	Signature of signing authority on behalf of PHCET
Signature:  Name: Ashutosh Jadhav Designation: Managing Partner Date & Place: 25 <sup>th</sup> March, 2017 Stamp: 	Signature:  Name: Archelva Lingam Designation: Principal Date & Place: 25 <sup>th</sup> March 2017 Rasayani Stamp: 

  
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 Dist. Raigad - 410 207



MAHARASHTRA

2018

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सिद्धि काशीनगर कार्यालय ठाणे  
= 4 FEB 2019  
मुद्रिक प्रमुख सिपीए / सिपीए

MEMORANDUM OF UNDERSTANDING

Pillai HOC College of Engineering And Technology , Rasayani

&

CADD CENTRE Thane

This Memorandum of Understanding (MOU) is entered into between Pillai HOC College of Engineering (here after referred to as PHCET), Rasayani, Mumbai and Sansach Technologies, Thane (Franchisee of CADD CENTRE) (here after referred as CCT) on the 06th day of February 2019 for the development/enhancement of educational services & facilities related to Civil Engineering discipline.

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Dist. Raigad. Pin-410 207

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खालील शिक्का प्रतिआपत्रा व्यतिरिक्त वापरण्यात येणे-या मुद्रांकवर उगाटवामा /  
(Except affidavit, this seal put for all documents)

जोसपत्र-2/Annexure-II

15 FEB 2012

1) मुद्रांक विक्री नोंदवर्ही अनुक्रमांक / दिनांक  
(Serial No./Date)

2) दस्ताचा प्रकार  
(Name of Document)

3) दस्त नोंदणी करणार आहेत का ?  
(Whether it is to be registered)

4) मिल्कतीचे थोडक्यात वर्णन  
(Property Description in brief)

5) मुद्रांक विकत घेणा-याचे नाव व सही  
(Stamp Purchaser's Name & Signature)

6) हस्ते असल्यास त्याचे नाव,पत्ता व सही  
(If through other person then,  
Name, Address & Signature)

Purchaser Sd/-

7) दुस-या पक्षकाराचे नाव  
(Name of the other party)

8) मुद्रांक शुल्क रक्कम  
(Stamp Duty Amount)

9) परवानाधारक/धुम्रांलशबिकेत्याची सही  
परवाना क्रमांक जुना क्रमांक - 06/2003  
(नविन परवाना क्रमांक - 1201015)  
सा. एच. डी. पाटील-बृध्दी टायपिंग अँड कम्प्युटर सेंटर,  
मयुरेश बिल्डिंग, टेमीनाका, टाणे-प-400601

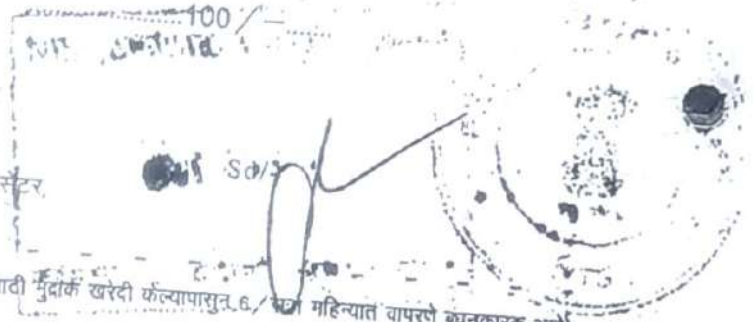
(ज्या कारणासाठी ज्यांनी मुद्रांक खरेदी केला त्यांनी त्याच कारणासाठी मुद्रांक खरेदी केल्यापासुन 6/ घण महिन्यात वापरणे बंधनकारक आहे)

होय/नाही  
Yes/No

FOR SANSACH TECHNOLOGIES

Ther  
Proprietor

ic Ahujar  
Crew



*(Handwritten Signature)*

PRINCIPAL

Mohatma Education Society's  
Pillai HOC College of  
Engineering and Technology,  
Pillai's HOC Educational Campus  
Rasayan, Tal. Khalepur  
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1. Profile of PHCET: PHCET offers undergraduate (Bachelor of Engineering), postgraduate (Masters in Engineering) and Ph.D. (Doctorate of Philosophy) programs. It is established on 14 acre of lush green campus with more than 3,00,000 sq. ft. of built up area having spacious classrooms, well-equipped laboratories and workshops, new age computer facilities and a well-stocked library provide a stimulating educational environment within the college.

2. Profile of CADD CENTRE Thane: CADD Centre is Asia's largest technology training services Company, creating skilled human resources in Computer aided design, engineering, and product lifecycle management. Founded in the year 1988, we have grown today as Asia's biggest network of skill training provider in Computer Aided Design (CAD), Computer Aided Engineering (CAE), and Project Management. We host a wide array of courses, certifications, placement assistance and career planning tools to help students get the most from their education. Under the guidance of renowned administrators, directors, and faculty, CADD Centre Training Services recently marked its 30 years of excellence. We have also proudly crossed milestones having over 800+ outlets across 30 countries during this time span. Our courses are industry specific and aim to provide skill sets that are immediately relevant to the participant. Classroom activities are supplemented by practice sessions and projects, aided by our World Class course Material.

#### Service proposed through this MOU:

The memorandum of understanding for one year Contract states the terms & conditions under which the training program shall be conducted by CADD CENTRE Thane through its franchise M/s Sansach Technologies.

#### CADD CENTRE will provide:

- Lead qualified Instructor (s) for delivering lecture sessions for the relevant program and to be supported by lab Instructor (s) to provide guidance during practical sessions.
- We will provide one qualified Instructor for every batch of 25 students.
- The proprietary & internationally acclaimed Institutional CADD CENTRE course material to be given to each of the participant.
- Students will get books and certificate after full payment of fees.
- After course completion till 1 year the students can visit our centre or college for doubt clarifications.
- CADD CENTRE will provide student with major learning in Top Emerging Technology software with scholarship discount.
- Students will get opportunity to participate in National and International competitions conducted by CADD CENTRE.
- 3 - 5 Job Opportunities will be given to Final year students.
- Faculty Development Program (FDP) will be conducted twice a year for college faculties of civil department.
- 10% of course fees will be shared with college as Infrastructure usage charges. This amount shall be deducted from last payment to be given to Sansach Technologies.
- CADD Centre will contribute sponsorship for Civil Department Event once in year.
- CADD Centre will be allowed to conduct seminars and workshops from time to time to increase awareness about emerging technologies.
- Batches will start on 50% of fees is given to CADD Centre Thane.

#### Our Bank Details are as mentioned Below :-

Account Name : Sansach Technologies  
Account Number : 003120100013401  
Bank Name : Thane Janata Sahakari Bank, Thane

IFSC code : JASB0000003

**PRINCIPAL**  
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Students

- Students once enrolled cannot cancel the admissions.
- Students have to attend the class regularly on the allotted times.
- Due to any major sickness, academic break, if the student is not able to attend the classes, leave application has to be submitted to the center and approval for the leave has to be taken. Major breaks would not be allowed except in exceptional cases.
- Software training will be conducted after college lectures

1. Course content:

The scope of the program will be to strengthen and impart a deeper understanding and application of the concept and practices of computer related to the course. Detailed syllabus sheet attached for reference. Content of course will be discussed between our expert and college expert to bridge gap between College curriculum and Industry.

2. Course certification:

The Institutional certificate with logos of College & CADD CENTRE will be provided to students

3. Time Schedule:

The batch timing will be decided in mutual consultation to maximize the student benefit. The student may be divided into two or more batches, depending on the total enrollment and the time of course.

4. Course fee collection:

Course fee collection will be done by college.

SIGNED, SEALED AND DELIVERED BY :

*Pathella*  
**CADD Centre**  
 2501, Conna Vijay Building,  
 Opp. Jagan Book Depot, Shivaji Park,  
 Bangalore - 560022.  
 Tel: 080-2222 8888

Mr. Vivek Pathella  
M/s Sansach Technologies,  
Partner

*Prithvi* 14/2/19  
**PRINCIPAL**  
 Principal  
 PIIIT HOC College of  
 Engineering and Technology  
 PIIIT HOC Educational Campus,  
 Raichur, Tal. Halepet,  
 Dist. Raichur - 410 207.

*Ratha* 14/2/19

In Presence of CCT

*Chandrup...*  
 Resource Persons (PIICET)

Resource Person (CCT)

*Pathella*

Ms. Bindu Pathella  
Course/Program  
Coordinator

*Tejaswini* 14/2/19  
 Resource Person (CCT)

Dr. Tejaswini D. Nalamutt  
Dept of Civil Engg.  
HOD

**PRINCIPAL**  
 Mahatma Education Society's  
 PIIIT HOC College of  
 Engineering and Technology,  
 PIIIT HOC Educational Campus  
 Raichur, Tal. Halepet,  
 Dist. Raichur, Pin-410 207

## MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding is made on 24<sup>th</sup> day of July, 2018

Between

**Pillai HOC College of Engineering & Technology** through its Principal, located at Khalapur, HOC Colony Rd, Taluka, Rasayani, Maharashtra 410207. (Hereinafter referred to as "PHCET", which expression shall, unless repugnant to the context or meaning thereof, include its successors, legal representatives and permitted assignees) on FIRST PART

And

**IFS Academy**, a registered partnership firm through its managing partner **Mr. Sameer Latkar** having its principal place of business at Flat No. 11, Vishal Heights, 4th Floor, Opp. P. N. Gadgil Jewellers, Walhekarwadi Road, Chaphekar Chowk, Chinchwad, Pune, 411033.

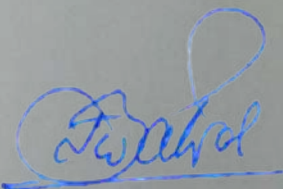
(Hereafter referred to as "IFSA", which expression shall unless repugnant to the context or meaning thereof, include its successors, legal representative and permitted assignees) on SECOND PART.

AND WHEREAS PHCET is a leading institute working in the field of Fundamental Education, Engineering, Information Technology and Business Management based in New Panvel and has state of the art infrastructure.

AND WHEREAS IFSA, a registered Partnership firm, registered in 2008 with a view to be in commercial training and coaching in the field of engineering, CAD/CAM/CAE, management and any other incidental activity in connection with its business.

And WHEREAS both PHCET and IFSA are desirous of associating with each other in supplementing and integrating their expertise so as to offer a course on "Creo, CATIA, NX CAD and ANSYS SOFTWARE" to prospective students.

Now therefore, in consideration of the premises and the actual covenants herein contained, it is agreed by both PHCET and IFSA as under.



**PRINCIPAL**

**Moharaj Education Society's  
Pillai HOC College of  
Engineering and Technology.**

**Pillai's HOC Educational Campus  
Rasayani, Tal. Khalapur  
Dist. Raigad, Pin-410 207**



## MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding is made on 24<sup>th</sup> day of July, 2018

Between

**Pillai HOC College of Engineering & Technology** through its Principal, located at Khalapur, HOC Colony Rd, Taluka, Rasayani, Maharashtra 410207. (Hereinafter referred to as "PHCET", which expression shall, unless repugnant to the context or meaning thereof, include its successors, legal representatives and permitted assignees) on FIRST PART

And

**IFS Academy**, a registered partnership firm through its managing partner **Mr. Sameer Latkar** having its principal place of business at Flat No. 11, Vishal Heights, 4th Floor, Opp. P. N. Gadgil Jewellers, Walhekarwadi Road, Chaphekar Chowk, Chinchwad, Pune, 411033.

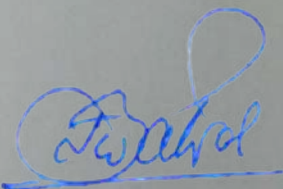
(Hereafter referred to as "IFSA", which expression shall unless repugnant to the context or meaning thereof, include its successors, legal representative and permitted assignees) on SECOND PART.

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Now therefore, in consideration of the premises and the actual covenants herein contained, it is agreed by both PHCET and IFSA as under.



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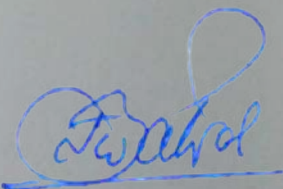


### 3.0 Responsibility Structure

- 3.1 PHCET shall provide the infrastructure of Computer Systems, LCD projector, SolidWorks and ANSYS Software Licenses.
- 3.2 IFSA shall be responsible for supply of Authorised Licenses for Creo, Catia and NX CAD programs, Soft copy of course material, and Training Faculty.
- 3.3 IFSA shall be responsible for appointing well qualified training faculty to conduct the batches. The profile of the faculty shall be shared by IFSA before starting any program.
- 3.4 IFSA shall allow 3 faculty members of PHCET to attend each of the training programs conducted. The Certificate of Course Completion shall not be issued to the faculty members.
- 3.5 PHCET shall create awareness amongst its students to enrol for the programs.

### 4.0 Certification

- 4.1 Authorised Certifications of PTC, Dassault and SIEMENS shall be issued for Creo, Catia and NX CAD course programs respectively.
- 4.2 Joint certificates will be issued, which shall have the names of both PHCET & IFSA as issuing authorities for SolidWorks & ANSYS course program.



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Rasayani, Tal. Khalepur  
Dist. Raigad, Pin-410 207



## 5.0 Fees Structure/ Fees Collection/ Placement Assistance:

- 5.1 IFSA shall be paid fees as per the following schedule.
- 50% of the fees at the start of the course
  - Remaining 50% after successful course completion.
- 5.2 Fee shall be collected by PHCET and PHCET shall pay IFSA
- 5.3 Fees Structure: Fees charged by IFS Academy per student per course is as given below.

Sr. No.	Course Topic	Training Duration (Hours)	Fees per student per course (Rs.) for a minimum batch size of 20-29	Fees per student per course (Rs.) for a minimum batch size of 30 & above
1	PTC University Authorised Training Program Creo for Design Engineers with PTC Certification.	50	8,000/-	7,000/-
2	Dassault Systemes Authorised CATIA V5 Fundamentals with Dassault Systems Certification.	50	6,500/-	5,500/-
3	Dassault Systemes Authorised CATIA V5 Mechanical Designer with Dassault Systems Certification	50	8,000/-	7,000/-
4	SIEMENS PLM Software Authorised NX CAD for Design with Siemens PLM Software Course Completion Certificate	50	8,000/-	7,000/-
5	CAD using SolidWorks with IFSA & PHCET Joint Certification	50	5,000/-	4,500/-
6	Finite Element Analysis using ANSYS Mechanical APDL & Workbench with IFSA & PHCET Joint Certification	50	5,000/-	4,500/-
7	Finite Element Analysis using ANSYS CFD with IFSA & PHCET Joint Certification	50	8,000/-	7,000/-

\*2 Days industrial expert training for CAD and 1 day industrial expert training for CAE is included in the course duration mentioned above

**Please Note:** The Fees mentioned above is inclusive of G.S.T. (18%).

## 5.4 Placement Assistance:

IFSA shall provide Placement Assistance (No Guarantee) to the top three performing students. IFSA shall add their details in our student



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placement database and will forward their resumes to the companies and shall arrange their interviews if their resume gets shortlisted. IFSA shall inform the college if their student is hired by any company.

#### 6.0 Relationship

This MOU relates solely to the intention of the parties wherein PHCET and IFSA shall offer Authorised Certification courses on "CREO,CATIA and NX CAD" and shall jointly offer a course on "SolidWorks & ANSYS SOFTWARE" to the prospective students and shall not extend to other activities or create a partnership between the Parties hereto and under any law of any country The parties agree that it is not their intention to share any loss or profit between them in their respective fields, except to the extent expressly provided herein.

#### 7.0 Authority to bind

No party shall act on behalf of the other party to contractually bind the other Party under the terms of this MOU having first obtained the other Party's written agreement.

#### 8.0 Confidential and Proprietary information

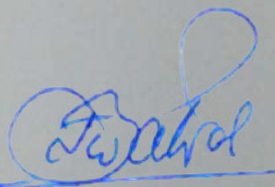
8.1 "Confidential Information" shall mean all information, written or verbal, identified as confidential or of a nature that a reasonable person would understand as being considered confidential by IFSA, and disclosed by IFSA to PHCET or its faculty which is related to IFSA information such as course material, training data, guidance notes, procedures, methodology and licenses etc.

8.2 PHCET shall hold in trust and confidence, for IFSA all confidential information provided by IFSA and PHCET shall not disclose to any person, or use such information for any purpose other than defined in this MoU. PHCET shall not make any copies of the confidential information than are required for the work involved and with prior and mutual consent from IFSA and shall return/destroy all such information at the termination of the contract. By disclosing this information to PHCET, IFSA does not grant any express, implied or other license or right to PHCET to propagate the information.

8.3 PHCET shall not disclose confidential information or work to any third parties, including other contractors of PHCET, without first obtaining written consent from IFSA.

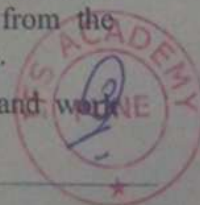
8.4 PHCET shall disclose IFSA's confidential information only to PHCET's employees having a legitimate business reason to know the same and shall inform each employee receiving the confidential information of the confidential nature of the same and PHCET's obligations hereunder. PHCET shall also segregate such information at all times from the confidential material of others so as to prevent any co-mingling.

8.5 PHCET shall secure documents, items of work in progress and work



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Engineering and Technology,  
Pillai's HOC Educational Campus  
Rasayani, Tal. Khalepur  
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products that embody confidential information in locked files or areas providing restricted access to prevent its unauthorized disclosure. PHCET shall maintain adequate procedures to prevent loss of any confidential information or confidential documents provided to it by IFSA. In the event of any loss, PHCET shall notify IFSA immediately.

#### 9.0 Termination

Except for those obligations contained in clauses 8.2 to 8.5, which continue after termination or expiration the present MOU as provided herein, the present MOU shall terminate:

1(One) year from the date of signing of MOU, unless renewed for a further mutually agreed period.

#### 10.0 Assignment

This MOU shall not be assigned or otherwise transferred by any Party, in whole or in part, without the express written consent of the Other Party.

#### 11.0 Consequential Damages

Other than expressly mentioned in this MOU, either Party shall not under any circumstances or at any time be liable to the other under or in connection with the MOU for any special or any direct or indirect loss or damage or for any consequential loss or damage, whether direct or indirect, including but without limiting the generality of the foregoing, loss of profits, loss of production, or loss of opportunities.

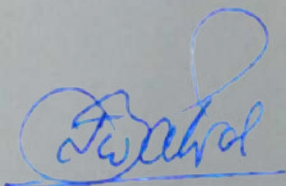
#### 12.0 Severability

If any provision of this MOU or the application thereof to any person, entity or circumstance shall be invalid or unenforceable to any extent, the remainder of this MOU shall not be affected thereby and the application of such provision shall be enforced to the greatest extent permitted by law.

#### 13.0 Arbitration

13.1 All disputes, differences or claims arising out of or in relation with this MOU not limited but inclusive of as regards to rights, liabilities, damages, claims, breach or interpretation of this MOU between the Parties shall be referred to arbitration.

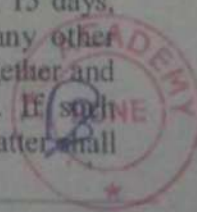
13.2 Any party shall give a written notice to other party of existing such dispute, difference or claim. On receipt of such notice within 15 days, the Head of Institution of PHCET and Partner, IFSA or any other persons so nominated by the respective Parties, shall meet together and try to resolve such dispute, difference or claim amicably. If such amicable solution is not arrived within one month, then the matter shall



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be referred to Arbitration.

13.3 The place of arbitration shall be Pune. The arbitration proceedings shall be conducted in English as per the rules of The Arbitration and Conciliation Act 1996 by three (3) arbitrators appointed in accordance with the said Rules. The Arbitration Decision shall be final and binding on both the parties.

**14.0 Governing Law**

The agreement shall be governed by Laws of India.

**15.0 Notices**

15.1 Any notice and other communications provided for in the Agreement shall be in writing in English and shall be first transmitted by facsimile transmission and / or by internationally recognized courier service, in the manner as elected by the Party giving such notice:

In the case of notices to IFSA:

**IFS Academy,**  
Flat No. 11, Vishal Heights, 4th Floor,  
Opp. P. N. Gadgil Jewellers, Walhekarwadi Road,  
Chaphekar Chowk, Chinchwadgaon, Pune - 411033.  
Tel.: 020-2543 0338  
E-mail Id: training@ifsacademy.org

**For attention of: Mr. Sameer Latkar**

In the case of notices to PHCET:

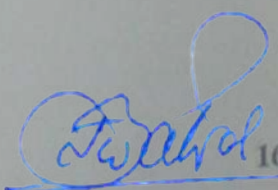
**Pillai HOC College of Engineering & Technology,**  
Khalapur, HOC Colony Rd, Taluka, Rasayani, Maharashtra,  
410207.

**For attention of: Principal**

15.2 Either Party may, from time to time, change its address or representative for receipt of notices or other communications provided for in this Agreement by giving to the other not less than 15 days prior written notice.

**16.0 Entire Understanding**

This MOU expresses the whole agreement reached between the Parties.



**PRINCIPAL**

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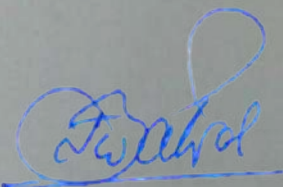
Consequently this Agreement supersedes any previous letter or document of whatsoever nature exchanged between the Parties with respect to this Agreement.

**17.0 Waiver**

The waiver by one Party here to of any default hereunder or of any covenant, agreement or condition contained herein shall not be construed to constitute a waiver of any other default or breach hereof whether similar or otherwise.

**18.0 Amendment**

No amendment to this MOU shall be valid and binding to the Parties unless it is made in writing and signed by authorized representative of all Parties to this Agreement.



**PRINCIPAL**

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Pillai HOC College of  
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
**Pillai's HOC Educational Campus  
Rasayan, Tal. Khelapur  
Dist. Raigad, Pin-410 207**

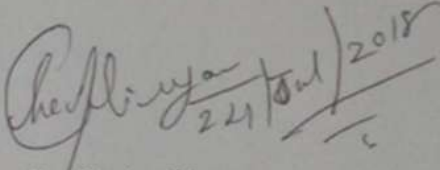


In witness whereof the Parties have caused this Agreement to be executed by their duly authorized representatives, on this 24<sup>th</sup> day July, 2018.

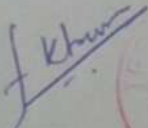
For IFS Academy

For Pillai HOC College of Engineering & Technology, Rasayani

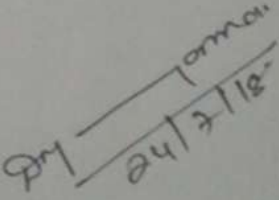
  
Mr. Sameer Latkar  
Title: Managing Partner


  
Dr. Chelva Lingam  
Title: Principal

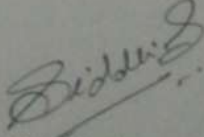
Witnesses:

  
Mr. Ketan Bais  
Assistant Manager  
IFS Academy, Pune

Witnesses:

  
Dr. M. D. Nadar  
Head, Mechanical Engineering Department  
PHCET, Rasayani

  
Dr. G.V. Patil  
Professor,  
Mechanical Engineering Dept.,  
PHCET, Rasayani.

  
Prof. Siddhi Hatle  
Head, Automobile Engineering Dept.  
PHCET, Rasayani.



**Mahatma Education Society's**  
**Pillai HOC College of Engineering & Technology, Rasayani**  
**Department of Computer Engineering**  
**Memorandum of Understanding (MoU)**

**Sahu Technologies**

Pillai HOC College Of Engineering & Technology has collaborated with Sahu Technologies for the skills enhancement initiative by undertaking various Collaborative Projects of mutual interest and deploying students and staff on various live / ongoing & under development projects. Sahu technologies have main 4D's ie Design, Development, Digital Marketing & Data Science. Students can undergo project in the emerging technologies. PHCET students from department of Computer Engineering got chance to do internship at sahu technologies. More than 50 students have done internship and are also willing to do live projects.

The deployment of the MoU leads to the following:

1. It leads to Industry and Institute collaboration.
2. Enhance employability and technical skills of the students.
3. Internships, placements to our students.

I. What is the outcome?

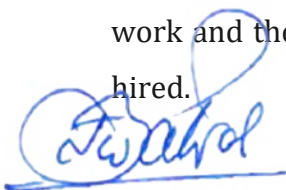
Students have learnt about design and development of an application, which improved their technical skill sets.

II. What is the present state of the MoU?

The MoU is still valid. More than 50 students have done internship and are also willing to do live projects.

III. What is the benefit for the Company out of this MoU?

The company can find the students who are capable of doing their in-house project work and they can recommend these students for their clients so that students can be hired.



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