# MEMORANDUM OF UNDERSTANDING (MoU)

**Between**

CYBERSECURITY
CENTRE *of* EXCELLENCE
A joint initiative of DSCI & Government of Telangana

## CYBERSECURITY CENTRE OF EXCELLENCE, TELANGANA

**And**

## Geethanjali College of Engineering and Technology

**(Autonomous)**

**Cheeryal (V), Keesara (M), Medchal Dist., Telangana – 501 301**

PRINCIPAL
Geethanjali College of Engg. Tech.
Cheeryal (V), Keesara (M), R.R. Dist. (A.P.) - 501 301

CYBERSECURITY
CENTRE of EXCELLENCE
A joint initiative of DSCI & Government of Telangana

This Memorandum of Understanding ("MoU") is entered into and executed on this **09th Day of December 2020**, at Hyderabad.

**By and between:**

**Data Security Council of India (DSCI),** is a corporate body with CIN U74120DL2008NPL182363, having registered office at Plot No.62, Basement Pocket – 2, Jasola, New Delhi South Delhi having its offices at different places and **represented by the Cybersecurity Center of Excellence, Hyderabad**, having its officeat1203-A, 12th Floor, Manjeera Trinity Corporate, Kukatpally, Hyderabad - 500 072, India hereinafter referred to as "CCoE" which expression shall unless repugnant to the context or meaning thereof include its successors and permitted assignees and also referred as First Party,

**And**

**Geethanjali College of Engineering and Technology**, is an Autonomous institution under UGC situated at cheeryal village, Keesara Mandal, Medchal district, Telangana here-in-after referred as the 'GCET' and also the Second Party the which expression shall unless repugnant to the context or meaning thereof be deemed to mean and include its administrators, successors or assignees as the case may be.

The CCoE and GCET shall be hereafter individually referred to as 'Party' and collectively as 'Parties'. This MoU is executed by its authorized representatives respectively.

**WHEREAS** CCoE is a joint initiative of DSCI and Government of Telangana. The CCoE endeavors to build a sustainable cybersecurity and privacy industry development by creating a conducive cybersecurity ecosystem which nurtures innovation, entrepreneurship and capability building. The CCoE is a hive of activity for organizations, departments, entrepreneurs, professionals and students engaged in this domain. The CCoE aims to provide a secure and resilient cyberspace to fulfil the needs of the digital economy and society by creating a GLOCAL cluster of Cybersecurity organizations in Telangana. The CCoE fosters incubation, innovation, expertise and collaboration in the twin areas of Cybersecurity and Privacy. DSCI is a not-for-profit company registered under Section 25 of the Companies Act 1956 (now section 8 of Companies Act 2013) and is an industry body on data protection in India, setup by NASSCOM®, committed to making the cyberspace safe, secure and trusted by establishing best practices, standards and initiatives in cyber security and privacy.



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**Whereas,** GCET was established in 2005 and within ten years of its establishment, it has become an autonomous institution under UGC from the academic year 2016-17. It offers UG Programs in CSE, ECE, EEE, ME, CE and IT; PG programs in CSE and MBA. UG Programs of CSE & ECE were first accredited in July, 2012 and were reaccredited in July, 2015 for three years and reaccredited in July, 2018. UG Program of EEE was first accredited in 2015 and reaccredited in 2018. UG Program of ME was accredited by NBA in 2018.The college has also been accredited by NAAC with A grade with a score of 3.36 on a scale of 4 in June, 2017. College is recognized as R&D center (SIRO) by DSIR in 2011, the same is extended till 2023.College has IBM center of Excellence under department of CSE. The campus epitomizes the Geethanjali motto, "**Striving towards perfection**" in providing the best of infrastructure and ambience.

**1. PURPOSE**

The purpose of the MoU is to establish that CCoE and GCET will jointly collaborate for mutual benefit of both the organizations. The areas of collaboration will be research, innovation, incubation, marketing, hackathons, corporate innovation and training programs. The scope of each activity under the identified areas of collaboration along with Roles & Responsibilities, Timelines and Financial Commitment will be discussed and decided separately through a formal approval / acceptance to that effect for the works / services has been accorded through signed documents by GCET and DSCI prior to starting the work.

**2. FINANCIAL ASPECTS**

2.1. No financial commitment from any party will be assumed unless a formal approval/ acceptance to that effect for the works/ services has been accorded through signed documents by GCET and CCoE prior to starting of work.

2.2. All payments will be made through mutually accepted mode.

3. **CONFIDENTIALITY AND NON-DISCLOSURE**

3.1. Any software/hardware material, product specifications, designs, financials, information, documents shall be deemed to be in private domain and it shall not be made public or shared with any other party without the prior written consent of the party which owns it. The material shall be treated as confidential for a minimum period of two years after this MoU comes to an end or as agreed from time to time in writing.

3.2. In the event of any of the parties becoming legally compelled to disclose any confidential information, such party shall give sufficient notice to the other party so as to enable the other party to seek a timely protective order or any



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other as appropriate relief. If such an order or other relief cannot be obtained, the party being required to make such a disclosure shall make the disclosure of the confidential information only to the extent that is legally required of it and no further.

4. **TERM & TERMINATION**

4.1. This MoU is valid for a period of 3 years from the date of signing of MoU.If further extensions are required, it shall berenewed by mutual consent of the parties in writing.

4.2. This MoU may be terminated by either party at any time by giving 10 days prior notice to the other party. Further, either party may also terminate this Agreement with immediate effect upon written notice to the other party if it reasonably believes that its performance, or any aspect of it, results, or might result a breach or violation of any legal, regulatory, ethical or audit independence requirement in any jurisdiction.

5. **DISPUTE Resolution**

5.1. **Amicable Settlement:** This MoU is based on the immediate benefits and on developing and enduring relationships serving and safeguarding the commercial interests as well as the standing of the parties. Hence the Parties shall use their best efforts to settle amicably all disputes arising out of or in connection with this Memorandum of Understanding or interpretation thereof.

5.2. **Dispute Settlement:** If any Dispute is not resolved by mutual negotiations within the period of 30 days, then the dispute shall be referred to the arbitrator mutually appointed by both the parties. The arbitral award shall be in writing and shall be final and binding on each Party. The Arbitration Proceedings shall be held at Hyderabad. The Arbitration Proceedings shall be in English language only. The Arbitration and Conciliation Act, 1996 and the rules there under or any statutory modification or' reenactment thereto or thereof for the time being in force will be applicable to the proceedings. The Courts in Hyderabad shall only have jurisdiction to try, entertain and decide the litigation arising out of the MoU, which is not covered within the ambit of Arbitration.

6. **ASSIGNMENT AND TRANSFER**

Any and all rights, duties and obligations of the parties under this MoU shall not be transferred or assigned by either party to any third party without prior written consent of the other party.

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7. **NON WAIVER**

The failure or neglect by either of the Parties to enforce any of the terms of this MoU shall not be construed as a waiver of its rights preventing subsequent enforcement of such provision or recovery of damages for breach thereof.

8. **SEVERABILITY**

The invalidity or unenforceability of any provision of this MoU shall not affect the validity or enforceability of any other provision of this MoU that shall continue in full force and effect except for any such invalid and unenforceable provision.

9. **MODIFICATION**

No modification to this MoU, will be effective unless agreed to in writing by both Parties and duly signed by the authorized signatories of the Parties.

10. **NOTICES**

All notices required or permitted to be given hereunder shall be in writing, shall make reference to this MoU, and shall be delivered by hand, or dispatched by prepaid air courier or by registered or certified airmail, postage prepaid, addressed to the other Party's address as stipulated on the first page of this MoU.

The address for notices to the respective parties shall be:

| | |
|---|---|
| For CCoE:<br>Cybersecurity Centre of Excellence, DSCI,<br>1203-A, 12th Floor, Manjeera Trinity<br>Corporate, Kukatpally,<br>Hyderabad - 500 072 | For GCET:<br>Geethanjali college of Engineering<br>and Technology,<br>Cheeryal Village,<br>Keesara Mandal,<br>Medchal District,<br>Hyderabad, Telangana-501301 |

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Cheeryal (V), Keesara (M), R.R. Dist. (A.P.) - 501 301

11. **COUNTERPARTS:**

This MoU may be executed in two counterparts, and each counterpart shall constitute an original instrument, and both the counterparts together shall constitute the same instrument.

12. **LIMITATATION OF LIABILITY**

In no event will GCET or CCoE be liable to the other party for any incidental, consequential, special and exemplary or direct or indirect damages, or for lost profits, lost revenues, or loss of business arising out of the subject matter of this MoU, regardless of the cause of action, even if the party has been advised of the likelihood of damages, if it is unintentional and beyond reasonable control.

13. **NO PARTNERSHIP**

Nothing in this MoU shall be deemed to either constitute or create an association, trust, partnership or joint venture between the Parties nor constitute either party the agent of the other party for any purpose.

14. **HEADINGS**

The headings shall not limit, alter or affect the meaning of the Clauses headed by them and are solely for the purpose of easy reference.

15. **ENTIRE AGREEMENT**

This MoU constitutes the entire Understanding between the parties. Any and all written or oral agreements, representations or understandings of any kind that may have been made prior to the date hereof shall be deemed to have been superseded by terms of this MoU.

16. **GOVERNED BY THE LAW**

This MoU shall be governed by the laws of India.

17. **INDEMNIFICATION**

Either party shall keep other party, its affiliates, shareholders, officers, directors, employees, agents, representatives, and customers indemnified and harmless from and against any and all costs, liabilities, losses, and expenses (including, but not limited to, reasonable fees of attorney arising out of any claim, suit, action or proceeding (each, an "Action"),for any act(s) and omissions of such party under any proposal(s) to Prospective client(s) or any resulting contract(s) therefrom or any incidental matter or in any way arising therefrom.

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Geethanjali College of Engg. Tech.
Cheeryal (V), Keesara (M), R.R. Dist. (A.P.) - 501 301

CYBERSECURITY CENTRE of EXCELLENCE
A joint initiative of DSCI & Government of Telangana

IN WITNESS WHEREOF, the parties hereto have caused this MoU to be signed in their respective names on this date

**Cybersecurity Centre of Excellence, Telangana**

bsriram

Authorized Signatory

Name: Dr. Sriram Birudavolu

Designation: Chief Executive Officer, CCoE

Date: 09/12/2020

**Geethanjali College of Engineering and Technology, Telagana**

Authorized Signatory

Name: Dr.Uday Kumar Susarla

Designation: Principal

Date: 09/12/2020

**Witnesses**

Signature: Virinchi Kashyap

Name: Virinchi Kashyap

Designation: Assistant Manager- Marketing

Signature:

Name: Prof. V. Madhusudan Rao

Designation: Professor, Dept. of CSE

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Geethanjali College of Engg. Tech.
Cheeryal (V), Keesara (M), R.R. Dist. (A.P.) - 501 301

# MEMORANDUM OF UNDERSTANDING

**BETWEEN**

SIMS

*the source of ndt*

## Suvidha Inspection Methods and Systems

**Plot No. 40/B, Phase II,**
**IDA Cherlapally,**
**Hyderabad, Telangana State, India-500051**

**AND**

Geethanjali
College of Engineering and Technology
Striving Towards Perfection

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

Approved by AICTE and Permanently Affiliated to JNTUH

ISO 9000:2008 Certified

## Geethanjali College of Engineering and Technology

**Sy.No. 33 & 34, Keesara (M),**
**Yadgarpally X Road,**
**Cheryaal, Secunderabad,**
**Telangana 501301**

# MEMORANDUM OF UNDERSTANDING
# [MoU]

This Memorandum of Understanding [MoU] is executed on the 24th day of August 2020 at Hyderabad, Telangana

**BETWEEN**

**Suvidha Inspection Methods and Systems** located at Plot No. 40/B, Phase II, IDA Cherlapally, Hyderabad, Telangana State, India-500051 represented through its Managing Director, which expression shall unless repugnant to the context of meaning therefore include its successors and permitted assignees of the **FIRST PARTY**.

**AND**

**Geethanjali College of Engineering and Technology**, Sy.No.33 & 34, Keesara (M),Yadgarpally X Road,Cheryaal, Secunderabad,Telangana 501301.which expression shall include its successors in the office and permitted assignees of the **SECOND PARTY**.

**Recitals**

1. Geethanjali college of Engineering and Technology, Cheryaal, Secunderabad, (TS) is an institute to provide the education in area of Engineering, Technology, Sciences and Management.
2. Suvidha Inspection Methods and Systems is in the business of manufacturing of NDT equipments.
3. The purpose of MoU is with reference exploring the areas of cooperation, benefiting both the Institute and the Industry.

**Areas of Cooperation**

1. To impart training to the students, staff and faculty of the Institute by the Industry.

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

2. To facilitate regular interaction between the faculty and student of the Institute and the workforce of the Industry.

3. Industry to provide regular active input in curriculum revision of the courses run by the Institute.

4. The Institute and the Industry shall explore the possibilities of mutual support in their learning, hiring and research requirements based on mutual convenience.

5. Confidentiality: Each party shall maintain complete confidentiality of any information of the other, disclosed during the term of this MoU.

6. In no event shall either party be liable for any indirect, incidental, special, consequential damages, including, but not limited to, loss of profits, revenue, data or use, incurred by the other party in connection with, arising out of or under this MoU, save for any such loss suffered resulting from any wilful and grossly negligent act or omission of either of the parties.

7. The industry or College is not responsible, if any indirect or direct accidents happened to the student during the industrial visits.

8. Neither this M o U, nor any activities described herein, shall be construed as creating a partnership, joint venture, agency or other such relationship. Both parties agree that this M o U represents a nonexclusive relationship between the parties and nothing contained herein shall preclude either party from participating / initiating similar relationship with third parties.

9. This M o U may not be amended without the prior written consent of both the parties.

10. This M o U will be effective for three years from 24th Aug. 2020. This agreement can be renewed based on mutual convenience.

11. Termination: Either party can cancel or terminate this agreement unilaterally ( and without reason ), by giving an advance written notice of one month to the other.

12. Indemnity: Both of the parties shall defend, Indemnify and hold the other party harmless from and against any claim, liability, loss, costs or expenses (including reasonable attorney's fees) arising out of or resulting from the material breach of the provisions herein.

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Cheeral (V), Farooq (M), Medchal Dist (T.S.) 501 301

In consideration of the mutual covenants contained herein above and the terms and conditions of this MoU and in witness whereof both the parties have hereinto set their hand/seal:

**For and on behalf of First Party [Suvidha Inspection Methods and Systems]**

For SUVIDHA INSPECTION METHODS & SYSTEMS

Partner

**Suvidha Inspection Methods and Systems**

Plot No. 40/B, Phase II,
IDA Cherlapally
Hyderabad, Telangana State,
500051

**For and on behalf of Second Party [Geethanjali College of Engineering and Technology]**

**Dr. Prof. Udaya Kumar Susarla**
**Principal**
Geethanjali College of Engineering and Technology
Sy.No. 33 & 34, Keesara (M),
Yadgarpally X Road,
Cheryaal, Secunderabad,
Telangana 501301

**Name of the witness with affiliation - First Party**

24/08/2020

**Name of the witness with affiliation - Second Party**

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 301

THISA

NATIONAL HIGHWAYS AUTHORITY OF INDIA
EMPANELLED ROAD SAFETY CONSULTANTS

# THISA Consulting Services LLP, Hyderabad

and

# Geethanjali College of Engineering and Technology

Cheeryal(V), Keesara(M), Medchal (Dist), Telangana

# MEMORANDUM OF UNDERSTANDING

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

Phone : 9182058187
Website: www.geethanjaliinstitutions.com
info@gcet.edu.in

Geethanjali

# Geethanjali College of Engineering and Technology

## AUTONOMOUS

(Accredited by NAAC "A" Grade; ECE, CSE, EEE & ME, B.Tech Programs Accredited by NBA; Approved by AICTE, New Delhi; Permanently Affiliated to JNTUH)
Sy. No. 33 & 34, Cheeryal (V), Keesara (M), Medchal District. - 501 301.

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This Memorandum of Understanding ( "MOU" ) is executed on this day **10th August 2019.**

**THISA Consulting Services LLP by Mr.Mallikarjuna Rao Koniki, Director is having registered office at** Devi's Mani Nilayam, THISA Consulting Services LLP, Flat No. 203, Third Floor, Near RK Puram Flyover, Neredmet, Secunderabad, Telangana 500056.

Hereinafter called Party I:

and

**Geethanjali College of Engineering and Technology represented by Dr.S.Udaya Kumar, Principal,** Geethanjali College of Engineering and Technology, Cheeryal(V), Keesara(M), Medchal (Dist), Telangana 501301.

Hereinafter called Party II:

**RESPONSIBILITIES OF PARTY – I:**

1. To provide internships/ project works/ industrial visits etc. to the extent of feasibility and availability for industrial exposure to the students of Party-II.
2. To nominate experts in the area of design and development of new technologies in the field of civil engineering, to deliver guest lecture to the students of Party II on mutual agreement of both parties.
3. To provide Industrial training to the faculty and students of Geethanjali College of Engineering and Technology of Party-II.
4. To enhance the quality of education imparted by Party II by providing necessary support to the extent of feasibility.
5. To suggest for design / revision of course curriculum of the B.Tech Degree Programs run by Party-II.
6. To undertake consultancy and joint R&D projects with the faculty of Party-II and involve specialists at National and International level whenever possible.

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Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

3. For any of the mutually agreed joint programs, students and faculty will be assigned appropriately.
4. To Offer guest lectures for the benefit of the staff and Engineers of Party-I on mutually agreed terms.
5. To organize training programs for the engineers of party-I as per the mutually agreed details. The timing and duration of these and any financial part will be jointly worked out by the two parties.

**JOINT RESPONSIBILITIES:**

1. Areas of collaboration will be identified jointly.
2. Specific projects will also be identified for each area of collaboration.
3. The release of any information will be maintained confidential with mutual agreement of both parties.
4. While undertaking a joint program the expertise available with either party will be made available for completion of the project.
5. This MOU is valid for a period of three years from the date of execution and can be terminated with the consent of either party with three months prior notice and written information without any liability on each other.

**The address for correspondence between two parties will be as under:**

**THISA Consulting Services LLP,** Devi's Mani Nilayam, Flat No. 203, Third Floor, Near RK Puram Flyover, Neredmet, Secunderabad, Telangana 500056

**Geethanjali College of Engineering and Technology represented by Dr.S.Udaya Kumar, Principal,** Cheeryal(V), Keesara(M), Medchal (Dist), Telangana 501301.

**Signed**

THISA CONSULTING SERVICES LLP HYD

**(Mr.Mallikarjuna Rao Koniki)**

**Signed**

**(Dr.Udaya Kumar Susarla)**
PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

**Witness:**

1.
2.

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

**LSB TEMERITY INFRA Pvt. Ltd., Hyderabad**

and

**Geethanjali College of Engineering and Technology**

Cheeryal(V), Keesara(M), Medchal (Dist), Telangana

# MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding ("MOU") is executed on this day 31st August 2019

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

**JOINT RESPONSIBILITIES:**

1. Areas of collaboration will be identified jointly.
2. Specific projects will also be identified for each area of collaboration.
3. The release of any information will be maintained confidential with mutual agreement of both parties.
4. While undertaking a joint program the expertise available with either party will be made available for completion of the project.
5. This MOU is valid for a period of three years from the date of execution and can be terminated with the consent of either party with three months prior notice and written information without any liability on each other.

**The address for correspondence between two parties will be as under:**

**LSB TEMERITY Infra Pvt. Ltd by** Flat No. B9, 3rd Floor, Eureka Court Complex, beside Bata showroom, Above KS Bakery, Nagarjuna Nagar colony, Yella Reddy Guda, Hyderabad, Telangana 500016.

**Geethanjali College of Engineering and Technology represented by Dr.S.Udaya Kumar, Principal,** Cheeryal(V), Keesara(M), Medchal (Dist), Telangana 501301.

**Signed**

( Mr.G.Shiva Rami Reddy)

**Signed**

(Dr.S.Udaya Kumar)

**Witness:**

1.

2.

Geethanjali College of Engineering & Technology Sy. No. 33 & 34 Cheeryal Village Keesara Mandal Medchal Dist.

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

LSB TEMERITY INFRA PVT. LTD. HYD.

**LSB TEMERITY Infra Pvt. Ltd by Mr.G.Shiva Rami Reddy, CEO is having registered office at** Flat No. B9, 3rd Floor, Eureka Court Complex, beside Bata showroom, Above KS Bakery, Nagarjuna Nagar colony, Yella Reddy Guda, Hyderabad, Telangana 500016.

Hereinafter called Party I:

AND

**Geethanjali College of Engineering and Technology represented by Dr.S.Udaya Kumar, Principal,** Geethanjali College of Engineering and Technology, Cheeryal(V), Keesara(M), Medchal (Dist), Telangana 501301.

Hereinafter called Party II:

**RESPONSIBILITIES OF PARTY – I:**

1. To provide internships/ project works/ industrial visits etc. to the extent of feasibility and availability for industrial exposure to the students of Party-II.
2. To nominate experts in the area of design and development of new technologies in the field of civil engineering, to deliver guest lecture to the students of Party II on mutual agreement of both parties.
3. To provide Industrial training to the faculty and students of Geethanjali College of Engineering and Technology of Party-II.
4. To enhance the quality of education imparted by Party II by providing necessary support to the extent of feasibility.
5. To suggest for design / revision of course curriculum of the B.Tech Degree Programs run by Party-II.
6. To undertake consultancy and joint R&D projects with the faculty of Party-II and involve specialists at National and International level whenever possible.

**RESPONSIBILITIES OF PARTY – II:**

1. To enhance the quality of education imparted by incorporating the mutually agreed suggestions made by Party-I.
2. To implement the suggestions made for Curriculum Design and revision for its B.Tech Programs run by the Party-II after due deliberations.
3. For any of the mutually agreed joint programs, students and faculty will be assigned appropriately.
4. To Offer guest lectures for the benefit of the staff and Engineers of Party-I on mutually agreed terms.
5. To organize training programs for the engineers of party-I as per the mutually agreed details. The timing and duration of these and any financial part will be jointly worked out by the two parties.

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भारतीय गैर न्यायिक

पचास रुपये

रु.50

FIFTY RUPEES

Rs.50

INDIA

INDIA NON JUDICIAL

తెలంగాణ तेलंगाना TELANGANA

G 066018

Sold to: Kamalanathan S/o Ramalingam R/o Hyd

For Whom: M/s CADD Centre Training Services Pvt Ltd Hyd

ANURAG KUMAR
LICENSED STAMP VENDOR
SVL.No.16-07-025/1999, R.L.No.16-07-001/2017
3-6-151, G.S. Towers,
Himayat Nagar, Hyderabad-29.
Phone No:98465-88603

**MEMORANDUM OF UNDERSTANDING (MOU)**

This MOU is between the **Institute of Industrial Design (IID)** is a **Premium arm of CADD Centre** and **Geethanjali College of Engineering & Technology** for conducting the **Faculty Development Program(FDP) and Student Training Programs(STP).**

**Geethanjali College of Engineering & Technology** located at Cheeryal Village, Keesara Mandal, Hyderabad, Telangana 501301

**Institute of Industrial Design (IID)** is a Premium arm of **CADD Centre** located at Flat No. 201, 2nd Floor, Sai Datta Arcade, Next to Mithra Agencies, Himayatnagar, Hyderabad, and Telangana, India-500029.

As per earlier discussions happened between both the parties about FDP the Parties have intended, agreed and consented to the following terms and deeds:

To be continued...1

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Cheeryal (V), Keesara (M), Medchal Dist.(R.R.)-501 301.

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Cheeryal (V), Keesara (M), Medchal Dist.(R.R.)-501 301.

CADD CENTRE TRAINING SERVICES PVT. LTD. Himayatnagar HYD-29.

29/4/19

1. FDP will be conducted for 6 days 8 participants per batch.
2. The Registration fee for FDP 7500(inclusive of all) per head.
3. The fee will be given by **Geethanjali College of Engineering & Technology** to **Institute of Industrial Design (IID).**
4. The course details are mentioned below.

**Details of training:**

| | |
|---|---|
| **Course** | **: FDP on MX-ROAD.** |
| **Duration** | **: 6 Days (6hrs/day)** |
| **Batch Size** | **: 8 participants.** |
| **Batch Date** | **: 6th May to 11th May 2019.** |
| **Batch Timings** | **: Based on Mutual Convenience.** |
| **Venue** | **: Geethanjali College of Engineering and Technology.** |
| **Fee Per Participant** | **: 7500 (Inclusive of All)** per participant. |

**1. RESPONSIBILITIES OF GEETHANJALI COLLEGE OF ENGINEERING & TECHNOLOGY.**

1. **Geethanjali College of Engineering & Technology** agreed to take care of Registrations for FDP Programme. For the first batch minimum of 8 registrations will be ensured.

2. **Geethanjali College of Engineering & Technology** agreed to care of classes arrangements.

**2. RESPONSIBILITIES OF INSTITUTE OF INDUSTRIAL DESIGN**

1. Institute of Industrial Design agreed to conduct **FDP** Program at **Geethanjali College of Engineering & Technology**.

2. Institute of Industrial Design agreed to give hard copies of MX-ROAD Courseware and Course completion certificate for the participants who attend the FDP Program.

To be continued...2

R. Ravichandra
29/4/19



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Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

**Facilities offered by GCET:**

1. Class room for conducting training
2. Adequate number Pc's or Laptop with the required software in the lab for practice
3. Board, Marker and duster

## Terms and Conditions:

1. Payment can be made through Cheque/Cash.
2. Payment should be made 100% on or before the course commencement day.
3. Confirmation should be made at least 3 days in advance.
4. This MOU is valid for 3 years for FDP & STP.
4. While or after getting training from Institute of Industrial Design, we mutually agree not to recruit any staff from Institute of Industrial Design or its group companies for a minimum period of one year.
5. Before giving the work order the scope need to be clearly defined and mutually accepted and Changes are not encouraged & If changes can be made on mutual agreement, fee may change depending on the changes.

| Signing Authority on behalf of Institute of Industrial Design. | Signing Authority on behalf of Geethanjali College of Engineering & Technology |
|---|---|
| Signature K. Ram chandar | Signature |
| Name - K. Ram chandar | Name- PRINCIPAL Geethanjali College of Engg. and Tech. |
| Place- Hyderabad | Place- Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 301. |
| Date – 29/4/19 | Date- |

CADD CENTRE TRAINING SERVICES PVT. LTD. Himayathnagar HYD-29.

PRINCIPAL Geethanjali College of Engg. and Tech. Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

**Canter Cadd India Pvt. Ltd.**
# 105, 1st Floor, Bhavani Plaza,
Opp. ECIL Bus Terminal, ECIL 'X' Road, Hyderabad.
e-mail : ecil@cantercadd.com
Ph : 040-66882239
www.cantercadd.com

# MEMORANDUM OF UNDERSTANDING

## BETWEEN

## Geethanjali College of Engineering & Technology

## AND

## CANTER CADD India Pvt. Ltd.

This MOU is entered into on 6th February 2019 by and between Geethanjali College Of Engineering and Technology.

*and*

**Canter CADD India Pvt. Ltd**, a CAD training organisation which has 18 branches all over Hyderabad.

**Objectives of the MOU**

The objectives of the MOU are:

a) To promote and enhance academic interest between Geethanjali College Of Engineering and Technology and Canter CADD.
b) To continue and provide quality software training to students of Geethanjali College Of Engineering and Technology
c) To encourage Geethanjali College Of Engineering and Technology's students to enhance their technical skills.

**Technical Areas of Collaboration**

a) A continuing training programme to students of Geethanjali College Of Engineering and Technology at their premises through continuous certificate courses.
b) Provide quality training along with reference books and workbooks on topics of relevance to the industry.
c) Provide necessary and possible technical support in organizing the training sessions.
d) Lifetime technical support to students who participate in the training.
e) 100% Guaranteed Placement Assistance to participating students as per our existing norms.

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist.(R.R.D.)-501 301.

CANTER CADD

**Canter Cadd India Pvt. Ltd.**
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e-mail : ecil@cantercadd.com
Ph : 040-66882239
www.cantercadd.com

**Proposed Modes of Collaboration**

Geethanjali College Of Engineering and Technology and Canter CADD propose to collaborate through the following:

a) Cooperation and promotion of the trainings in areas of mutual interest.
b) Any other appropriate mode of interaction agreed upon between Geethanjali College Of Engineering and Technology and Canter CADD.

A specific plan for the future will be worked out depending upon availability of resources.

For Canter CADD India Pvt Ltd.

*Authorized Signatory*

CANTER CADD INDIA PVT LTD. CANTER ECIL

For Geethanjali College Of Engineering & Technology

*Authorized Signatory*

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

Regd. No. 480 of 2013

# Reliable Environmental Services

**Office:** C/o: CADD Centre, No. 6-3-788/19/B, 2nd Floor, Opp. Big Bazaar, Ameerpet, Hyderabad 500 016.
✆ : 08008226124, ☎ : 9247522224, 💻 : resinfo@resenvi.org. 🌐: www.resenvi.org

RELIABLE ENVIRONMENTAL SERVICES Regd.No. 480/2013 HYDERABAD

## Memorandum of Understanding[MoU]

**To be signed with Cat Z organisations**

*Category Z [Cat Z] organizations are: NGO's/Academic Institutions/Agricultural Universities/ Research organizations of the Central and State Govts.*

This Memorandum of Understanding (the "MoU") made effective this day of **07/02/2020** by and between Head,CED, GCET, (hereinafter referred to as "Party 1"); Geethanjali College of Engineering and Technology having its office at Hyderabad and Reliable Environmental Services (RES) having its office at Hyderabad (hereinafter referred to as "Party 2"); with signatories of this MoU being sometimes referred to herein individually as "Party" or collectively as "Parties".

**WHEREAS**

a. The Party1 is desirous to get the WATER AND WASTE MANAGEMENT WORKSHOP studies conducted for the major and medium irrigation projects in association with Party 2.

b. The Party 2 has been conducting such studies.

c. The Parties see mutual advantage in establishing a collaboration to further proceed for the WATER AND WASTE MANAGEMENT WORKSHOP studies.

d. It is the intent of the Parties that the WATER AND WASTE MANAGEMENT WORKSHOP studies shall be completed as per the schedule.

**NOW, THEREFORE, IT IS HEREBY AGREED AS FOLLOWS:**

### 1. Purpose of MoU

The purpose of this MoU is to serve as a basis and framework for the Parties to processes WATER AND WASTE MANAGEMENT WORKSHOP studies for the projects as indicated at schedule 1 through the RES NGO Assistance. (the "Purpose").

### 2. Scope

a. The Parties shall meet or correspond as necessary to discuss and attempt to agree on the progress of work relating to the WATER AND WASTE MANAGEMENT WORKSHOP studies to be carried out by the Party2 as per schedule.

b. The output of the work shall be strictly as per schedule attached.

PRINCIPAL Geethanjali College of Engg. and Tech. Cheeryal (V), Keesara (M), Medchal Dist.-501 301.

RELIABLE ENVIRONMENTAL SERVICES Regd.No. 480/2013 HYDERABAD

### 3. Work Expenses

The expenses related to the implementation of the Project shall be fully borne by the Party 1 through GCET students funding to Party2. Costs related to the Survey, data collection shall be booked as per the standard of Procedures in RES and as per the schedule.

### 4. Mutual Agreements

Parties agree as follows:

a. Party1 will offer supportive technical assistance in the data collection for the work.

b. The Party1 will monitor the implementation of each component of work for the Purpose for successfully achievement of goals.

c. Party 2 will give monthly, quarterly or other periodic reports that may be necessary to document of program success to the GCET.

d. The Party 1 will coordinate, facilitate, and/or provide access to resources which will assist in implementing the Purpose.

e. The Party 2 will implement the studies in any manner within its authorities, which may include getting of required data, liasoning of all government departments etc.

### 5. Duration and Termination.

a. This MOU shall enter into force from the moment of its execution and shall remain in full force till the achievement of the Purpose.

b. Draft schedules will be discussed with the HOD and day wise schedule SMS's will be sent to Parents and students.

c. Duration will be for 2 days.

d. The MOU may be terminated by parties by terminating its involvement in the activities set out in this MoU. Such termination shall be in writing to all other Parties and should not result in any kind of liability towards the other Parties

e. Party 2 shall recoup all the liabilities created under this agreement. And the other Parties' obligations that shall survive on termination or expiration of this MoU.

f. MoU is valued valid. for three years from the date of signatures.

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

## 6. Amendments

a. This MOU may be amended by written agreement of the parties.

b. If any provision of this MOU becomes invalid or unenforceable, the validity of other provisions shall not be affected.

## 7. Notifications

Any correspondence sent by the parties within the framework of this MOU shall be made in writing and shall be sent by mail, courier service or facsimile transmission (with the original to follow).

## 8. Governing Law

Member (RES), (GCET). shall endeavour to settle any disputes arising by negotiation between the Parties, whose decision shall be final and binding.

## 9. Signatures

In testimony whereof, the parties to this MoU have hereinto set and subscribed their hands for the continuance of this MoU.

For .....

Name : HEAD 07/02/2020

Dept. of Civil Engineering

Title : Geethanjali College of Engg. and Tech.

Cheeryal (V), Keesara (M), R.R. Dist. (T.S.)

Date :

For .....

Name : GENERAL SECRETARY

RELIABLE ENVIRONMENTAL SERVICES

Title :

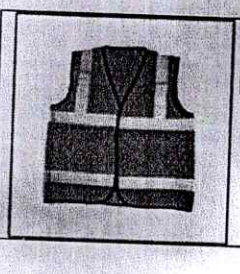
Date : 07/02/2020

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

RELIABLE ENVIRONMENTAL SERVICES
Regd.No. 480/2013
HYDERABAD

# Draft Schedule

| | | |
|---|---|---|
| Day 1 | 6 AM to 9 AM<br><br>9 AM to 12 PM<br><br>12PM to 1 PM<br>2 PM to 5 PM | Breakfast at Pregnapur Haritha or siddipet.<br>• Journey from JBS to annaram barrage.<br><br>Lunch at kaleshwaram Haritha or padapalli<br>• Kanapally pumphouse Project visit<br><br>Dinner and Stay at Kaleshwaram Haritha |
| Day 2 | 8 AM to 12PM<br><br>12PM to 1 PM<br><br>1 PM to 3 PM<br>3 PM to 7PM | Breakfast at Haritha Hotel.<br>• Visit to temple.<br>• Visit to sundilla project.<br>Lunch at nearby Camp office or padapally<br>• Visit to package 6/8 or mallanasagar project.<br>• Back to JBS. |



- Reflective Safety Jackets will be given to students in field for identification.
- Helmets are also given to students.
- Police Security & faculty will be with the students.

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

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e-mail : ecil@cantercadd.com
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www.cantercadd.com

## COMPANY PROFILE

**CANTER CADD** commenced its operations in 2004 with the main focus on CAD training. Today we are proud to say that we are the No. 1 CAD training organisation in Telangana & Andhra Pradesh, having 18 branches in Hyderabad and over 80 branches PAN India. We are also ISO 9001:2015 certified and have trained over 2 Lakh students from various Engineering / Diploma & Project Management disciplines.

The only one of its kind, **CANTER CADD**, to its credit has achieved many milestones and successively too. We enjoy the current status as the market leader in CAD education and offer top of the line international quality training. Our training programs are comprehensive and are structured in a way that will impart industry specific skills to students from different industries. The students are encouraged to work on their own projects during the training program to make it more interacting, interesting and useful.

We offer the most popular training programs on CAD / CAE that caters to the needs of the various disciplines of engineering like Mechanical, Civil, Architectural and Electrical.

The training services offered by **CANTER CADD** ensure the following:

- *International quality course material*
- *A learners Exercise book*
- *An internationally recognized Certificate*
- *Life time technical support*
- *Placement Assistance*

At **CANTER CADD**, training is not a one-time phenomenon but the start of a continuous learning process.

**CANTER CADD** also offers post-training support to students to keep them updated on the latest trends of the industry, and to help them solve CAD related problems in their daily routine.

*Note:* **CANTER CADD** *does not support or encourage piracy of software and as such, the procurement of software should be handled by the College management only.*

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501301.

**Canter Cadd India Pvt. Ltd.**
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e-mail : ecil@cantercadd.com
Ph : 040-66882239
www.cantercadd.com

## PROPOSAL

| | | |
|---|---|---|
| Course | : | Revit Architecture |
| Venue | : | Geethanjali College Of Engineering and Technology. |
| Software Using | : | Revit Arch. |
| Faculty | : | Expert faculties provided by **CANTER CADD**. |
| Course Material | : | Reference Books, Notebooks & Workbooks. |
| Course Timing | : | Every Monday and Tuesday. |
| Course Date | : | March 18th 2019. |

## COURSE FEE

| Course | Duration | Fee per student | Number of students(min) |
|---|---|---|---|
| Revit Arch. | 60Hrs | Rs.3500 | 40 |

## HIGHLIGHTS OF CANTER CADD TRAINING:

**Lifetime Technical Support:**
We will provide lifetime technical support to all our students either for up gradation or any doubt clarification.

**Internationally Recognized Certificate:**
On successful completion of the course, students will be provided with a certificate, which is recognized in more than 90 countries and by many organisations. The certificate can also be viewed and validated on our website www.cantercadd.com

**World Class Detailed Courseware:**
One set of **CANTER CADD** courseware which includes the Revit Arch. reference books and workbook will be given to each student.

**Placement Assistance:** Our students will be referred to any vacancies in their core area.

PRINCIPAL
Geethanjali College of Engg. and Tech.
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e-mail : ecil@cantercadd.com
Ph : 040-66882239
www.cantercadd.com

15th March 2019

To,

Dr. R.Prasanna Kumar,

The Head of the Department

Department of Civil Engineering

Geethanjali College Of Engineering and Technology.

Cheeryal (V), Keesara (M), Medchal District

Telangana 501 301

**Sub: Software Training on Revit Architecture**

Respected Sir,

This is in reference to our discussion on 14th March 2019 regarding **CANTER CADD** training your students on Revit Architecture software in your College. The Session will be starting from next Monday i.e. 18th March as per the college convenient time. The classes will be conducted on Monday and Tuesday of every week.

We are pleased to submit our confirmation for the above training which we hope will be applicable for the coming years also.

We strongly believe that you will get the best value for money from **CANTER CADD** and will be very beneficial to your students for their career.

Thanking you once again for your interest and looking forward to associate with your institution for a long time.

Best Regards,

For **Canter CADD India Pvt. Ltd.**

**B Santhosh**

**Manager**

**9666054314**

**santhosh@cantercadd.com**

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

# MEMORANDUM OF UNDERSTANDING

**BETWEEN**

**CSIR-Indian Institute of Chemical Technology (CSIR-IICT)**
**Tarnaka, Uppal Road, Hyderabad - 500 007**

**AND**

Geethanjali
College of Engineering and Technology
Striving Towards Perfection
Approved by AICTE and Permanently Affiliated to JNTUH
ISO 9000:2008 Certified

**GEETHANJALI COLLEGE OF ENGINEERING AND TECHNOLOGY**
**Cheeryal (V), Keesar (M), Medchal (Dist), Telangana 501301**

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

## MEMORANDUM OF UNDERSTANDING [MOU]

MEMORANDUM OF UNDERSTANDING FOR ACADEMIC AND SCIENTIFIC COOPERATION BETWEEN THE GEETHANJALI COLLEGE OF ENGINEERING AND TECHNOLOGY, CHEERYAL (V), KEESAR (M), MEDCHAL (DIST), TELANGANA 501301 AND CSIR-INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY (CSIR-IICT) UPPAL ROAD, TARNAKA, HYDERABAD, TELANGANA 500007

The Memorandum of Understanding (MoU) establishes the following:

**OBJECTIVE OF THE AGREEMENT:**

To establish a mutually beneficial relationship built on academic and scientific cooperation between the Geethanjali College of Engineering and Technology (hereafter referred to as GCET), Cheeryal (V), Medchal (Dist.), Telangana and CSIR- Indian Institute of Chemical Technology (hereafter referred to as CSIR-IICT).

Areas of cooperation include academic and research cooperation through study and research, exchange of faculty professors, researchers, students, publications, academic programs and research projects in furtherance of the development of learning as stipulated below.

**GOALS AND FORMS OF COOPERATION:**

The signing institutions agree to provide opportunity, as appropriate, for the following activities towards the completion of the objective of this MoU.

1. Exchange of faculty members and/or researchers with the objective of offering courses and realizing research projects in areas mutually agreed upon by both Institutes through prior invitation and in accordance with the procedures and expectations established by each Institution.

2 Develop joint research projects and joint publications.

3 All joint activities will be realized through the mutual agreement and clearly established conditions and mutual obligations of the appropriate Institute entity.

Initially, the broad areas of common interest have been identified as follows:

Synthesis and characterization of Nanomaterials applied for Energy Harvesting:
The proposed activity will involve: (i) synthesis (hydro-thermal and solvo-thermal methods), (ii) characterization (XRD, Particle size analyzer, TGDTA/DSC, FTIR, FESEM, HRTEM & cyclic voltamentry and battery testing) and (iii) fabrication of cell out of the nanomateris (stable metal organic frame work nanoparticles as electrodes for aqueous Sodium/ Lithium/ Potasium ion batteries).

1. **IMPLEMENTATION OF THE PROGRAMME**
Both the Institutes acknowledge that the visits by research students/ faculty members of Research scientists from one institute to the other shall comply with the regulation and policies of the CSIR-IICT and GCET.

A. **M.Tech. Dissertation and Specialized Teaching:**
Students from GCET shall be permitted to work at CSIR-IICT for their M.Tech. dissertation of eight to six months duration for their project, dissertation or thesis as per CSIR-IICT norms. The dissertation work will be done under the supervision of a senior scientist of CSIR-IICT and GCET faculty member.

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 301

Scientists from CSIR-GCET may be invited as guest faculty as per requirement to deliver lectures to broaden the horizon of knowledge of the M.Tech. students in the field mentioned above. The honorarium of these visiting scientists will be as per the rules and regulations of GCET. Moreover, the travel charge of the visiting scientists will be taken care of by GCET.

B. **M.Tech. Program Lab Training:**
M.Tech. students in the specified areas will be visiting CSIR-IICT and acquire hands-on experience yearly once for a period of 14 days to get trained in the technologies available at CSIR-IICT as per CSIR-IICT norms. The schedule of such visits will be pre-decided by both the organizations. Upon successful completion of their training CSIR-IICT will issue necessary certificates endorsing the performance of the students.

C. **Exchange of faculty and researchers:**
With the objective of strengthening ties through joint projects and activities of both Institutes, the MoU allows for the creation of faculty and researcher exchange. The professors and researchers will maintain their status as faculty members at their home institution for the duration of the exchange.

D. **Research and Resources**
In furtherance of cause of research and education in multidisciplinary areas, the faculty/ scientists of the two institutions can submit joint Project proposals to relevant funding agencies.

**2.0 INTELLECTUAL PROPERTY RIGHTS**
Rights regarding publications, patents, royalty, ownership of software/ design/ products developed, etc., shall be decided by the two parties on mutual consent on case to case basis.

**3.0 JOINT PROGRAMS**
Joint training programs, workshops, seminars may also be jointly organized. Each institute will also extend its library facilities as per their norms to a limited number of identified persons from the other institute.

**4.0 COMMENCEMENT AND TENURE**
This memorandum of understanding (MoU), shall become effective on the date of signing and remain for three years unless either institute give the other written notice of its desire to revise or terminate the MoU at least twelve months prior to its termination.

**5. PROGRAMME COORDINATORS**
Each Institute will nominate its own representatives and such representatives will be responsible for all measures to undertaken under this agreement. The composition of the coordination committee shall be as follows:

a. Dr J Vatsala Rani:, Fluoro Organics Division , CSIR-IICT, Hyderabad

   Mo: 9010822191, Ph: 04027191775, E-mail: vatsala@iict.res.in, j21_vat@rediffmail.com

b. Dr RS Raju, Professor, ECE and Dean, R&D, GCET, Hyderabad
   Mo: 9413723303, E-mail: raju.ceeri@gmail.com

**DURATION AND RECINDENCE OF MoU**

(a) The agreement shall come into effect on March 29, 2019. Changes to this agreement shall be made by mutual consent between both institutions. In cases of disagreement, the institute wishing to depart from the agreement shall, wherever possible, give six months' notice of its intention to do so. The agreement shall be reviewed after a period of five years.

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist.(R.R.)-501 301

## ARBITRATION

Any dispute arising out of this MOU, the same shall be referred to the arbitration of 3 (three) arbitrators, one to be appointed by each party to the dispute, and the third and presiding arbitrator shall be nominated by the said two arbitrators before entering into any reference. The decision of the majority of arbitrators shall be final and binding on both parties. The venue of arbitration shall be at Hyderabad and the arbitration proceedings shall take place under the provisions Indian Arbitration and Conciliation Act, 1996

In witness whereof, the parties hereto have signed this MOU on the day, month and year mentioned herein before.

Parties:

For and on behalf of
CSIR-IICT

Signature
Name
Designation
Seal

For and on behalf of
GCET

Signature
Name
Designation
Seal

= = = = = =


## ARBITRATION

Any dispute arising out of this MOU, the same shall be referred to the arbitration of 3 (three) arbitrators, one to be appointed by each party to the dispute, and the third and presiding arbitrator shall be nominated by the said two arbitrators before entering into any reference. The decision of the majority of arbitrators shall be final and binding on both parties. The venue of arbitration shall be at Hyderabad and the arbitration proceedings shall take place under the provisions Indian Arbitration and Conciliation Act, 1996

In witness whereof, the parties hereto have signed this MOU on the day, month and year mentioned herein before.

Parties.

For and on behalf of
CSIR-IICT

Signature
Name
Designation
Seal

For and on behalf of
GCET

Signature
Name
Designation
Seal


PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

**Datalog Controls and Solutions Private Limited, Hyderabad**

**and**

**Geethanjali College of Engineering and Technology**
Cheeryal(V), Keesara(M), Medchal (Dist), Telangana

# MEMORANDUM OF UNDERSTANDING

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

This memorandum of understanding ("MOU") is executed on this day 1st July, 2019

**Datalog Controls and Solutions Private Limited represented by Mr. G.Raghu Prasad, CEO is having registered office at** Plot no. 196, Phase – II, IDA Cherlapally, Hyderabad, Telangana 500051

Hereinafter called Party I:

AND

**Geethanjali College of Engineering and Technology represented by Dr. S. Udaya Kumar, Principal,** Geethanjali College of Engineering and Technology, Cheeryal(V), Keesara(M), Medchal (Dist), Telangana 501301

Hereinafter called Party II:

**RESPONSIBILITIES OF PARTY-I:**

1. To provide internships / project works / industrial visits etc. to the extent of feasibility and availability for industrial exposure to the students of Party-II.
2. To nominate experts in the area of design and development of microcontroller based computerized test systems such as thermal battery test systems, fast acting electronic load banks, battery life cycle test systems etc. to deliver guest lecture to the students of Party-II on mutual agreement of both parties.
3. To provide Industrial Training to the faculty and students of Geethanjali College of Engineering and Technology of Party-II.
4. To enhance the quality of education imparted by Party-II by providing necessary support to the extent of feasibility.
5. To suggest for design / revision of course curriculum of the B.Tech Degree Programs run by Party-II.
6. To undertake consultancy and joint R&D projects with the faculty of Party-II and involve specialists at National and International Level whenever possible.

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 301

## RESPONSIBILITIES OF PARTY II:

1. To enhance the quality of education imparted by incorporating the mutually agreed suggestions made by Party-I.
2. To implement the suggestions made for Curriculum Design and revision for its B.Tech programs run by the Party-II after due deliberations.
3. For any of the mutually agreed joint programs, Students and Faculty will be assigned appropriately.
4. To offer guest lectures for the benefit of the staff and Engineers of Party-I on mutually agreed terms.
5. To organize training programs for the engineers of party-I as per the mutually agreed details. The timing and duration of these and any financial part will be jointly worked out by the two parties.

## JOINT RESPONSIBILITIES:

1. Areas of collaboration will be identified jointly.
2. Specific projects will also be identified for each area of collaboration.
3. The release of any information will be maintained confidential with mutual agreement of both parties.
4. Neither party shall have any liability except what is expressly mentioned herein.
5. While undertaking a joint program the expertise, software, hardware, data, etc., available with either party will be made available for completion of the project.
6. Increasing the employability factor for the student community at Party-II by creating development plans for students with mutually agreement.
7. This MOU is valid for a period of three years from the date of execution and can be terminated with the consent of either party with three months prior notice and written information without any liability on each other.

**The address for correspondence between two parties will be as under:**

**Datalog Controls and Solutions Pvt Ltd,** Plot no: 196, Phase-II, IDA Cherlapally, Hyderabad -500 051

**Geethanjali College of Engineering and Technology** Cheeryal(V), Keesara(M), Medchal (Dist), Telangana 501301

**Signed**

**(Mr. G. Raghu Prasad)**

DATALOG CONTROLS AND SOLUTIONS PVT. LTD.

**Signed**

**(Dr. S. Udaya Kumar)**

PRINCIPAL
Geethanjali College of Engineering and Technology
(Autonomous)
Cheeryal (V), Keesara (M), Medchal Dist. (T.S.) - 501 301

**Witness:**

1. (N. Santosh Kumar)
2. P. Srilatha.
(P. SRILATHA)

1. (R.S. RAJU) Prof. of ECE
2. (OVPR. SIVAKUMAR) Prof. of ECE
3. (Dr. Radhika Dora) prof & HOD – EEE
4. M. Arune Bharathi
M. Arune Bharathi
prof in EEE

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist. (T.S.)-501 301.

LEDchip Indus

PASSIONATELY INDIAN

# LEDChip Indus Private Limited, Hyderabad

**and**

# Geethanjali College of Engineering and Technology

Cheeryal(V), Keesara(M), Medchal (Dist), Telangana

# MEMORANDUM OF UNDERSTANDING

This memorandum of understanding ("MOU") is executed on this day 15th July, 2019

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

**LEDChip Indus Private Limited represented by Mr.Vijay Kumar Gupta, CEO is having registered office at** 29A&B, Road 11, Electronic Complex, Kushaiguda Industrial Area, Kushaiguda, Near ADECK Industrial Canteen, Secunderabad, Telangana 500062

Hereinafter called Party I:

AND

**Geethanjali College of Engineering and Technology represented by Dr. S. Udaya Kumar, Principal,** Geethanjali College of Engineering and Technology, Cheeryal(V), Keesara(M), Medchal (Dist), Telangana 501301

Hereinafter called Party II:

**RESPONSIBILITIES OF PARTY-I:**

1. To provide internships / project works / industrial visits etc. to the extent of feasibility and availability for industrial exposure to the students of Party-II.
2. To nominate experts in the area of LED Chip Design and Development to deliver guest lecture to the students of Party-II on mutual agreement of both parties.
3. To provide Industrial Training to the faculty and students of Electronics and Communications Engineering discipline of Party-II.
4. To enhance the quality of education imparted by Party-II by providing necessary support to the extent of feasibility.
5. To suggest for design / revision of course curriculum of the B.Tech Degree Programs run by Party-II.
6. To undertake consultancy and joint R&D projects with the faculty of Party-II and involve specialists at National and International Level whenever possible.

**RESPONSIBILITIES OF PARTY II:**

1. To enhance the quality of education imparted by incorporating the mutually agreed suggestions made by Party-I.

LEDCHIP INDUS PVT LTD HYDERABAD 500 062



PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

2. To implement the suggestions made for Curriculum Design and revision for its B.Tech programs run by the Party-II after due deliberations.
3. For any of the mutually agreed joint programs, Students and Faculty will be assigned appropriately.
4. To offer guest lectures for the benefit of the staff and Engineers of Party-I on mutually agreed terms.
5. To organize training programs for the engineers of party-I as per the mutually agreed details. The timing and duration of these and any financial part will be jointly worked out by the two parties.

**JOINT RESPONSIBILITIES:**

1. Areas of collaboration will be identified jointly.
2. Specific projects will also be identified for each area of collaboration.
3. The release of any information will be maintained confidential with mutual agreement of both parties.
4. Neither party shall have any liability except what is expressly mentioned herein.
5. While undertaking a joint program the expertise, software, hardware, data, etc., available with either party will be made available for completion of the project.
6. Increasing the employability factor for the student community at Party-II by creating development plans for students with mutually agreement.
7. This MOU is valid for a period of three years from the date of execution and can be terminated with the consent of either party with three months prior notice and written information without any liability on each other.

**The address for correspondence between two parties will be as under**:

**LEDChip Indus Private Limited** 29A&B, Road 11, Electronic Complex, Kushaiguda Industrial Area, Kushaiguda, Near ADECK Industrial Canteen, Secunderabad, Telangana 500062

**Geethanjali College of Engineering and Technology** Cheeryal(V), Keesara(M), Medchal (Dist), Telangana 501301

LEDCHIP INDUS PVT LTD HYDERABAD 500062



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Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

**Signed**

**(Mr. Vijay Kumar Gupta)**

**Signed**

**(Dr. S. Udaya Kumar)**

PRINCIPAL
Geethanjali College of Engineering and Technology
(Autonomous)
Cheeryal (V), Keesara (M), Medchal Dist. (T.S.) - 5...

**Witness:**

1.

2.

1. OVPR Siva Kumar
(OVPR. SIVA KUMAR) Prof. of ECE

2. Y. Nagalakshmi
Assistant Professor
ECE

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

AMZ AUTOMOTIVE

# MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding ("MoU") is made on 15 OCT 2019.

Between

**AMZ AUTOMOTIVE,** a firm based at Pune and having its registered office at 101, Mahatma Gandhi Nagar, Near Elements Mall, Ajmer Road Jaipur – 302021, Rajasthan. (hereinafter called **"AMZ AUTOMOTIVE"** which expression unless it be repugnant to the subject or its context includes their successors and assigns) of the FIRST PART.

And

**Geetanjali College of Engineering and Technology,** Cheeryal Village, Keesara Mandal, Hyderabad, Telangana 501301 (hereinafter called as **"College"** which expression unless it be repugnant to the subject or its context includes their successors and assigns) of the SECOND PART.

(AMZ AUTOMOTIVE and College are hereinafter individually referred to as **"Party"** and collectively referred to as **"Parties"**)

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Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 301

AMZ AUTOMOTIVE

**Terms and Conditions:**

1. **Duration**

This MOU shall be valid for Two (2) year/s from_____Oct 2019 and thereafter it may be renewed on mutually agreed terms.

2. **Purpose**

This MOU is for collaboration between the parties for mutual benefit wherein AMZ AUTOMOTIVE would be providing Technology, Hands on Training in Hydraulics and Automation, Internships, Projects, Placements, to the students of College in order to enhance the quality of the educational experience of the students. Expert seminars workshops can be delivered. Training and other programs can be designed by mutual understanding depending on requirements.

3. **College's Standards of Performance:**

College shall expend reasonable efforts as follows:

- College shall provide necessary infrastructure like Computers with necessary legal software & hardware configuration, Labs, Class rooms, Electricity, UPS, and Internet etc. as may be required for carrying out technical training and such other agreed training at College premise.
- College shall share the data base of the students with AMZ AUTOMOTIVE for the adequate promotion of the courses.
- College shall provide all such marketing and publication support as may be required to ensure sufficient number of students for the training to be conducted at College premises.
- College shall collect fees from the students for all the courses conducted at its premises and share the enrolment list along with fee payment details to AMZ AUTOMOTIVE.
- College shall extend all such necessary co-operation for smooth conduct of above-mentioned activities and training.

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Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 301

4. AMZ AUTOMOTIVE Standard **of Performance:**

AMZ AUTOMOTIVE shall expend reasonable efforts as follows:

- AMZ AUTOMOTIVE shall provide training in such areas as may be mutually agreed between the parties, more particularly described in this agreement.

- AMZ AUTOMOTIVE shall provide competent faculty for the conduct of training at College premises.

- AMZ AUTOMOTIVE shall provide College with the study material / standard books as agreed between the parties and the College shall use these as per AMZ AUTOMOTIVE guidelines and policies.

- AMZ AUTOMOTIVE agrees to complete the Course in all respects in the scheduled time and in case there is a deviation in the schedule the same would be communicated to College and completed as per mutual understanding between the parties.

- AMZ AUTOMOTIVE shall provide certification to all students who have successfully completed the examinations conducted at College premises.

5. **Mutual Obligations:**

- Both the parties shall appoint one person as one point of contact for smooth execution of the AMZ AUTOMOTIVE.

- This collaboration shall not be exclusive to both parties and shall not disallow each party from having similar collaboration with others. Except as expressly stated in this MOU, there shall be no obligation on any party to compensate the other in any manner or to make any claim.

- Each party shall respect the other's intellectual property and shall use any trade name, trade mark, logo, symbol or designation belonging to the other party in accordance with this MOU.

- Nothing contained in this MoU shall be construed as resulting in the creation of a relationship of employer and employee or principal and agent between AMZ AUTOMOTIVE and College. AMZ AUTOMOTIVE and College are not authorized to make any representation, contract, or commitment on behalf of College / AMZ AUTOMOTIVE without the prior written consent of other party.

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Geethanjali College of Engg and Tech.
Cheeral (V), Ibrahimpatnam (M), Rangareddy Dist. (T.S.)-501 301

- The decision regarding introduction of new course, revision in fees etc. shall be mutually taken by both the parties.

6. **Limitation and Warranties:**

- Each party shall ensure that the other is not put to any liability for any act of the respective party under this MoU.

- Each party represents that they have full power and authority to enter into this MOU in general.

7. **Commercials:**

- AMZ AUTOMOTIVE & College will decide the rates for the courses, training mutually after discussion if required.

8. **General:**

- Both the parties may receive information proprietary to other party (the "Confidential Information") in the course of performance of their obligations under this MOU. Confidential Information is not meant to include any information which (a) is publicly available (b) is rightfully received by the parties from third parties without accompanying secrecy obligations; (c) is already in either party's possession and was lawfully received from sources other than the parties or (d) is independently developed by the parties. The two bodies understand and acknowledge that the Confidential Information is valuable and confidential and agrees that it will at all times be kept in trust, to be disclosed only to such persons as have a "need to know" the same for the effective implementation of this MOU and that it will only be used by the parties for the benefit of others.

- Both the parties understand and agree that all written or other tangible data and documentation developed or procured by the other party in performing its obligations under this MOU, whether in printed or electronic form, belongs to other party and that other party will have all rights, title and interest therein.

- Both parties shall not use the name and brand of the other party in any advertisement or make any public announcement without the prior written approval of the other.

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Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

- The College shall only have the right to accept and implement the syllabus/curriculum as per the advice of the statutory bodies of the College.

AMZ AUTOMOTIVE

- Each party shall be at liberty to terminate this MOU with a written notice period of one (1) month to the other party without any compensation and seeking legal redress.

- College will take the feedback from students about the quality of training after start of the training of first batch, based on which college will take decision of continuing the training programs.

- **Arbitration:**

  Any and all disputes or differences between AMZ AUTOMOTIVE and College arising out of or in connection with this MoU or its performance shall, so far as it is possible, be settled by negotiations between the Parties amicably through consultation & understanding.

- **Indemnification:**

Both the parties shall indemnify and hold each other harmless from and against any claim, loss, liability, or expense, including, but not limited to, damages, patent and trademark infringement, costs and attorneys' fees, arising out of or in connection with any acts or omissions of their agents or employees.

- **Copyrights and Ownerships:**

- All the course material/ courseware/ books and such other training material provided by AMZ AUTOMOTIVE and allowed for distribution are its sole property (hereinafter referred as "Training Material").

- College and/ or its employees, consultants etc. shall not claim ownership of such course material/ courseware/ books etc. or its customization.

- Intellectual Property Rights i.e. copyrights, trademarks, patents etc. of Training Material, any changes, enhancements, upgrades, customization etc. shall always remain with AMZ AUTOMOTIVE.

- Any changes in implementation procedures which are not as per the present MoU will be discussed and will be incorporated in agreement with two parties.

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Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 301

AMZ AUTOMOTIVE

n witness where of both parties put their hard seal on the day, month and year herein mentioned.

IN WITNESS WHERE OF, to show their assent, the duly authorized representative of the parties here to have signed the Agreement and set their seals as below: -

Signed for and on behalf of

Signed for and on behalf of

Geetanjali College of Engineering
& TECHNOLOGY, HYDERABAD

For AMZ AUTOMOTIVE

ALLE WOGLICHEM ZEIGEFINGER

Authorised Signatory

Head
Dept. of Mechanical Engineering
Geethanjali College of Engineering & Technology
Cheeryal (V), Keesara (M) Medchal (Dist.)

PRINCIPAL,

(Mr. Ankit Chandola)

Business Head, AMZ AUTOMOTIVE

Geetanjali College of Engineering
& TECHNOLOGY, HYDERABAD

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 301

CANTER CADD

Canter Cadd India Pvt. L
# 105, 1st Floor, Bhavani Plaza,
Opp. ECIL Bus Terminal, ECIL 'X' Road, Hyder
e-mail : ecil@cantercadd.com
Ph : 040-66882239
www.cantercadd.com

# MEMORANDUM OF UNDERSTANDING

## BETWEEN

## Geethanjali College of Engineering & Technology

## AND

## CANTER CADD India Pvt. Ltd.

This MOU is entered into on 6th February 2019 by and between Geethanjali College Of Engineering and Technology.

*and*

**Canter CADD India Pvt. Ltd**, a CAD training organisation which has 18 branches all over Hyderabad.

**Objectives of the MOU**

The objectives of the MOU are:

a) To promote and enhance academic interest between Geethanjali College Of Engineering and Technology and Canter CADD.
b) To continue and provide quality software training to students of Geethanjali College Of Engineering and Technology
c) To encourage Geethanjali College Of Engineering and Technology's students to enhance their technical skills.

**Technical Areas of Collaboration**

a) A continuing training programme to students of Geethanjali College Of Engineering and Technology at their premises through continuous certificate courses.
b) Provide quality training along with reference books and workbooks on topics of relevance to the industry.
c) Provide necessary and possible technical support in organizing the training sessions.
d) Lifetime technical support to students who participate in the training.
e) 100% Guaranteed Placement Assistance to participating students as per our existing norms.

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CANTER CADD

**Canter Cadd India Pvt.**
# 105, 1st Floor, Bhavani Plaza,
Opp. ECIL Bus Terminal, ECIL 'X' Road, Hyde
e-mail : ecil@cantercadd.com
Ph : 040-66882239
www.cantercadd.com

**PROPOSAL**

| | | |
|---|---|---|
| Course | : | CREO |
| Venue | : | Geethanjali College Of Engineering and Technology. |
| Software Using | : | CREO |
| Faculty | : | Expert faculties provided by CANTER CADD. |
| Course Material | : | Reference Books, Notebooks & Workbooks. |
| Course Timing | : | Every Thursday and Saturday |
| Course Date | : | February 28th 2019. |

**COURSE FEE**

| Course | Duration | Fee per student | Number of students(min) |
|---|---|---|---|
| CREO | 60Hrs | Rs.4500 | 50 |

**HIGHLIGHTS OF CANTER CADD TRAINING:**

**Lifetime Technical Support:**
We will provide lifetime technical support to all our students either for up gradation or any doubt clarif

**Internationally Recognized Certificate:**
On successful completion of the course, students will be provided with a certificate, which is recognized than 90 countries and by many organisations. The certificate can also be viewed and validated on our w www.cantercadd.com

**World Class Detailed Courseware:**
One set of **CANTER CADD** courseware which includes the CREO reference books and workbool be given to each student.

**Placement Assistance:** Our students will be referred to any vacancies in their core area.

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Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

CANTER CADD

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# 105, 1st Floor, Bhavani Plaza,
Opp. ECIL Bus Terminal, ECIL 'X' Road, Hydera
e-mail : ecil@cantercadd.com
Ph : 040-66882239
www.cantercadd.com

**Proposed Modes of Collaboration**

Geethanjali College Of Engineering and Technology and Canter CADD propose to collaborate throug following:

a) Cooperation and promotion of the trainings in areas of mutual interest.
b) Any other appropriate mode of interaction agreed upon between Geethanjali College Of Engineering and Technology and Canter CADD.

A specific plan for the future will be worked out depending upon availability of resources.

**For Canter CADD India Pvt Ltd.**

*Authorized Signatory*

CANTER CADD INDIA PVT LTD. CANTER ECIL

**For Geethanjali College Of Engineering & Techno**

*Authorized Signatory*

Geethanjali College of Engineering & Technology Sy. No. 33 & 34 Cheeryal Village Keesara Mandal Medchal Dist.

PRINCIPAL
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SMARTBRIDGE
Let's Bridge the Gap

Geethanjali
College of Engineering and Technology
An Autonomous Institution
Approved by AICTE and Permanently Affiliated to JNTUH
ISO 9000:2008 Certified

# MEMORONDUM OF UNDERSTANDING (MOU)


Abstract

This MoU has been signed between SmartBridge Educational Services Pvt. Ltd. and Geethanjali Institute of Engineering & Technology to establish a center for robotics learning & development


Keesara, Hyderabad.

PRINCIPAL
Geethanjali College of Engg. Tech.
Cheeryal (V), Keesara (M), R.R. Dist. (A.P.) - 501 301

This Memorandum of Understanding (**"MOU"**) is signed on the 02 day of December 2019 by and between **SMARTBRIDGE EDUCATIONAL SERVICES PVT LTD.** (**"SMARTBRIDGE"**), having its registered office at Plot No .550/F, Road.No.92, Jubilee Hills, Hyderabad, Telangana – 500096

And

**GEEETHANJALI COLLEGE OF ENGINEERING & TECHNOLOGY ("GCET")**, having its campus at Cheeryal (V), keesara (M), Medchal District, Telangana – 501301. **SMARTBRIDGE** and **GCET** are sometimes hereinafter referred to individually as "**Party**" or collectively, as "**Parties**".

**Background**

**SMARTBRIDGE** is an educational services company specialized in building the next-generation talent pool with skills in emerging technologies. SmartBridge proven project-based learning model has enabled thousands of students with emerging skills and helped them in becoming career ready. Since inception, the SmartBridge has served 325+ engineering institutions, 60k+ students and10k+ educators. SmartBridge has been setting up technology innovation centers (IoT, AI, Robotics) across various institutions to promote research & innovation in universities. Following are the core services of SmartBridge.

- Technical Bootcamps
- Project Build-a-Thons
- Externship Programs
- Career Readiness Programs
- Center for Next-Gen Technologies
- Rapid PoC Development

SmartBridge has built a unique edTech product called "SmartInternz" to prepare the students for the industry by building their skills via project-based learning.

**Geethanjali College Of Engineering & Technology ("GCET")**, established in 2005, is offering Under Graduate (UG) and Post Graduate (PG) programs in different disciplines

of Engineering. GCET is dedicated to transforming the students into highly competent engineers with high level of motivation, professional skills and self-confidence.

GCET has established an Industry Institution Interaction Cell to forge alliances with industries and educational institutions. There are six different engineering departments, which are running undergraduate program, with CSE department offering a PG program also.

Depending upon the specializations, the heads of the departments approach the industries related to their departments and forge alliances with them for R & D activities found to be useful to the industry and the institution. At times the consultancy work is also taken from the industries depending upon the capabilities of the faculty and the availability of infrastructure in the institution and the complexity of the problem. Besides the alliances forged by the individual departments, the college also entered MoU with certain industries and educational institutions.

Both SMARTBRIDGE and GCET of Hyderabad, Telangana recognized the need for:

1) Pooling and sharing their knowledge and skills for constant development and upgrading in the field of Emerging Technologies.
2) Close cooperation between the industry and the technical education system
3) Educating & training of students, in practical environment, to enrich teaching methodologies, to help faculty development and to make the training more employment oriented.

In appreciation of the above and in the furtherance of the common desire for improving the quality of graduating Engineering students, SMARTBRIDGE and GCET have agreed to join hands. Both parties have explored the possibilities of building a synergistic relationship and have agreed to enter into MOU with the following joint responsibilities:

1) With a view to providing inputs to improve the quality of education and to impart industry related training, SMARTBRIDGE will provide their expertise on "Utilization of Lab & Incubation center" to GCET.
2) With a view to introducing students to industry, SMARTBRIDGE will provide "Academic Projects & Internships" to GCET students. Further, GCET students and faculty will participate in developing modules of a larger project and submit the completed work as consultancy project. To assist this activity GCET guide and

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students will work in the premises of SMARTBRIDGE for the purpose of coding, assembly, integration, and testing of the project as and when required.

3) GCET will provide the required support in the survey of technical field, design, concepts and the methods of evaluation of the project.

4) SMARTBRIDGE will suggest the required changes in the curriculum and help GCET in providing education to its students as required by the industry.

5) Both parties agree to maintain confidentiality of information and the information can be released only with mutual agreement.

## 1. PURPOSE

This Memorandum of Understanding (MOU) sets forth the terms and understanding between the SMARTBRIDGE and GCET to engage in following activities.

a) Establish a Robotics Learning & Development Center on the campus to train the students & faculty on building the intelligent robotics systems for Industry & Consumer sectors

b) Set-up the necessary infrastructure, hardware components, software tools and learning resources for the successful operation of the center

c) Engaging in consultancy work for a specific scope of services and product development which will be signed by both parties on need based terms.

d) Professional certification & core elective programs in Robotics shall be designed & executed as part of academics.

e) Foster innovation & entrepreneurship among the young engineers by organizing industry partnered hackathons and challenges etc.

## 2. SCOPE

### a. Responsibilities of GCET:

GCET shall take up following responsibilities to establish & operate the Robotics Learning & Development Center.

- Budget for the entire program
- Provide a computer lab with minimum 30 Nos. of computers (Min. Intel i5 Processor, 8GB RAM, Ubuntu OS )

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GCET

c. **Program Deliverables**

- 1 – Week training program on Python for ROS Programming
- 2 – Weeks Training Program on ROS Beginner
- 2 – Weeks Training Program on ROS Advanced
- 36 / 48 Hrs. Hackathon on Building Intelligent Robots
- Expert lectures on Industrial Robotics, Collaborative Robotics
- Access to 50 Nos. of Project Templates to students via SmartInternz
- Mentoring to the students participating in various hackathons
- Facilitating the internships to the best students

**3. VALIDITY**

This MOU is valid for Two (2) years from the date of signing of this MOU. Thereafter, the MOU may be renewed for such term and on conditions as may be agreed between the Parties.

**4. NO ASSIGNMENT**

Neither party, without the written consent of the other, may assign either the benefit or the burden of this MOU to anybody.

**5. TERMINATION**

Either party may terminate the MOU for cogent and logical reasons, by giving to the other party 30 days' notice in writing.

**6. ENTIRE AGREEMENT**

a) This document represents the entire agreement between the Parties regarding the subject matter of this MOU and can only be amended or modified by an agreement in writing signed by the Parties hereto.

b) A co-ordination committee consisting of one faculty member of GCET and one officer nominated by SMARTBRIDGE shall be constituted to implement and give effect to objectives of this MOU.

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GCET

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Geethanjali College of Engg. Tech.
Cheeryal (V), Keesara (M), R.R. Dist. (A.P.) - 501 301

- Enroll the students in the program & coordinate with them
- High speed internet connection with at least 1 MBPS download speed shall be provided
- Projector, AV System to conduct training in the Lab
- Faculty in-charge to coordinate with SmartBridge & Students and maintain the Lab Equipment.
- Accommodate the L&D schedule student's academic schedule.
- Ensure that students will complete the assignments as planned.
- Approval of Logo usage for the printing material, website etc.
- Hospitality for the trainers & industry experts
- Accommodation for the experts visiting the L&D center

**b. Responsibilities of SMARTBRIDGE:**

Following are the responsibilities of SMARTRBDIGE

a. Creation of Program Collaterals (Curriculum, Brochures, Lab Manuals etc.)
b. Supply of Hardware for the L&D Center
c. Supply of necessary Software tools & environment setup in the Lab.
d. Preparation of training calendar & organizing the same as per the approved calendar.
e. Mentoring students in building the Robotics projects
f. Inviting Industry Experts to Robotics L&D Center
g. Providing industry visits to the students
h. Provide access to guided projects on SmartInternz Platform
i. Organize internal hackathons for the students
j. Mentor the students for external hackathons
k. Facilitate internships for the students in relevant companies
l. Coordinate with faculty & college management for the smooth execution of the program.

SMARTBRIDGE

GCET

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Geethanjali College of Engg. Tech.
Cheeryal (V), Keesara (M), R.R. Dist. (A.P.) - 501 301

Both, SmartBridge and the GCET are pleased to enter this Memorandum of Understanding and believe that such an understanding would lead to a continuing period of meaningful interaction, cooperation and exchange of information and ideas. Both parties will value the spirit of this agreement and would strive continuously to develop the various facts of this MoU.

**Signatures**

This MoU will come into effect on the day date of signature of the representative of both parties as given:

| | |
|---|---|
| **For SmartBridge Educational Services Private Limited** | **For Geethanjali College of Engineering & Technology** |
| **Signature:** | **Signature:** |
| **Name: Mr. Amarender Katkam** | **Name: Dr.Udaya Kumar Susarla** |
| **Title: CEO & Founder** | **Title: Principal** |
| **Date:** | **Date:** |

PRINCIPAL
Geethanjali College of Engg. Tecn.
Cheeryal (V), Keesara (M), R.R. Dist. (A.P.) - 501 301

SMARTBRIDGE

GCET

# Proposal for One Year Capacity Development Programme

# On

# Project Based Learning Approach for Developing An Institutional Excellence In Higher Education

VISHWANIKETAN

**Proposed By**


**Vishwaniketan's**

**Project Based Learning Centre Of Excellence**

Survey No-52 Off Mumbai-Pune Expressway Kumbhivali,
Tal- Khalapur,Maharashtra 410203.
Mobile: +91 9762051751
e-mail: director.pbl@vishwaniketan.edu.in


PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist.(TS), Pin-501.

Vishwaniketan's
**Project Based Learning Centre Of Excellence**
Survey No-52 Off Mumbai-Pune Expressway Kumbhivali,
Tal- Khalapur,Maharashtra 410203.
Mobile: +91 9762051751
e-mail: director.pbl@vishwaniketan.edu.in

# Preface

India boasts on the roots of "Guru Shishya Paramapara "since its ancient history. Education in those days was focused on passing knowledge "Dnyan" to the "Shishya" by "Guru" It was well supported by the principals of in Gurukul Premises. In fact, India has the first international university in the name of Nalanda "Vishwavidyalaya". During those days Indian education was solely based on art and cultural .Accordingly society had various artists and groups of skilled people. Professional Technical education was started at the time when British ruled India, when East India Company first started Gun carriage factory in Guindy. Since, then till date we are following education system inherited from British India.

Currently Indian education system is the third largest in the world with 399 state universities, 126 deemed to be universities, 48 central universities & 334 private universities (UGC) .Gross enrolment in higher education is around 25.8% which is less as compared to the other developed countries. Most of the outcomes from the universities following traditional teaching learning practices are not as per global standards. As per Yashpal, Rao "Knowledge commission reports" , most of the institutions in India focus on rote learning; where the focus is on "remember and reproduce" It's commented than curricular practices; Teaching, learning & education do not focus on skill development. Especially, in higher education it's now needed that the education focuses on professional skill such as Design, problem solving, Teamwork & communication skill. It's also needed that our education must be tuned with current Industrial requirements i.e. revolution "Industry 4.0", and should able to address the problems of society. Also, Government of India has started schemes like "Start-up India" and "Make in India". Thus, unless and until we create a systematic change in the educational philosophy & practices, achieving quality higher education, global ranking and success of Government schemes seems to be a difficult goal to achieve. We believe that a "Project Based Learning Approach" could make it possible. In the Project based learning, curriculum development process is based on the current problems. Thus, students receive latest and authentic knowledge required to solve the problem. Students in PBL environment learn problem solving and design skills during the process of problem solving. Thus it promotes novel product development cycle which is essential for strengthening start up India & the make in India. However PBL is not rooted in Indian Education system. Surprisingly none of the universities are practising PBL to its fullest possible extent. This may be because institutes don't have human resources which can practice PBL effectively. Also, there is a lack of understanding in PBL philosophy; for example most of educators think doing projects is PBL; in fact it is not. Thus, focus of this proposal is to

- Training Educators on PBL philosophy and practice.
- Develop different PBL models suitable for Indian education system.
- Research impact on newly developed PBL models and practice.
- To decide future change strategies to create sustainability in PBL pedagogy.
- To create regional Centre of Excellence in Project Based Learning.

We at Vishwaniketan firmly believe that education has no boundaries. The best possible learning experience provided to the student helps them transform themselves into ideal global

citizens. Vishwaniketan believes not only in this philosophy but has also taken major positive steps towards achieving this goal by implementing international programs. CTIF Global Capsule (www.ctifglobalcapsule.com) after making phenomenal global contribution in IPR based research, product development; has paved way for promoting transformation in Indian engineering education through project-based learning (PBL).The educational practice followed at Vishwaniketan is the blend of traditional as well as Project Based Learning (PBL). Such a practice is an excellent example not only to the institutes which are affiliated to any of the universities but to institutes who are also looking to adapt the necessary changes to tune up with the current needs of engineering education. Project based learning philosophy has been welcomed by many Indian institutes which focus on learning through projects. The fundamental idea is to develop professionally trained human resource for India by involving them in complex problem solving and technology development process.

I hope this programme appeals you and an educational objective within, we invite you to extend your cooperation for this programme.

**Dr. Vikas Shinde**

Director, PBL-COE, Vishwaniketan

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

Vishwaniketan's
**Project Based Learning Centre Of Excellence**
Survey No-52 Off Mumbai-Pune Expressway Kumbhivali,
Tal- Khalapur,Maharashtra 410203.
Mobile: +91 9762051751
e-mail: director.pbl@vishwaniketan.edu.in

# About Vishwaniketan-CTIF network

Vishwaniketan is a brain child of a CTIF Global Capsule which has offices in 22 countries. Vishwaniketan is an educational non-profit trust established in 2012-13. Its sole objective is to establish itself as centre of excellence in education. Currently, it runs Engineering, Architecture & Design professional courses. Institute has its educational philosophy developed on Project Based Learning philosophy & practice. Institute has developed four different PBL models which have been practiced in its institutions since inception.

Engineering & Architecture courses are affiliated to University of Mumbai & approved by competent statutory bodies, whereas design course is affiliated to Teesside University, UK. Vishwaniketan has collaborations with 16 International Universities through which it has been connected globally. In last 4 years institute has sent over 800 students from and across India to International universities. We aim to create competent design professionals who can create novel products and solve social and National issues keeping global context in mind.

We at Vishwaniketan have been involved in creating and successfully implementing following National and International Programmes:

I. It has created PBL Centre of Excellence which works for PBL Training and consultancy. So far, through PBL-COE; six institutes have been trained to implement PBL & more than 63 workshops have been arranged & headed by PBL-COE Team. This way PBL-COE has created pathway towards transforming traditional institutes into PBL Institutes.

II. It has a unique UG fellowship programme through which 800+ Indian students along with 190 teachers have received International exposure. Vishwaniketan is one of a kind institute which have successfully demonstrated the experience of handling International Programmes.

III. Vishwaniketan is the only institute in Mumbai University which has received European Project Grant worth 80 Lac Rupees for its project which focuses on capacity building of Indian institutes. Our team has been instrumented to work in International work dynamics.

IV. Currently, Vishwaniketan has started M.S. & Ph.D. programme with three International Universities.

V. Vishwaniketan, although a young institute has past work experience to handle both National & International Projects. It has earned its name for its coveted Project Based Learning philosophy & expert practice. Vishwaniketan has created teams who can work for its vision & handle projects efficiently to deliver its outcomes within specified time.

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# About PBL-COE

I Dr. Vikas V Shinde, on behalf of entire PBLCOE team wholeheartedly welcome and invite you to read further.

In the backdrop of the situation discussed in the preface, in year 2009-10, I got an opportunity to pursue my PhD at Aalborg University (AU), Denmark UNESCO Chair in PBL; which is a pioneer institute to implement PBL since 1972. My, PhD was fully sponsored by European Union's Erasmus Mundus Mobility for Life grant. There, I got an excellent opportunity to study closely Aalborg PBL model. The reason to pursue PhD in PBL is to start the change process to shift from traditional teaching-learning practice to PBL practice. Initially the thought was to design PBL model for India but I soon realised that Indian Education system is too complex, that one model cannot serve the purpose. Thus, PBL models which can be implemented by any Indian Institutes are developed and its impact is assessed. In the years, 2014, I was awarded PhD in PBL, at that time, I was the first PhD in India to receive PhD from UNESCO chair in PBL, Aalborg University Denmark.

Then, I continued my experiments with PBL and carried out my passion by creating training programmes and modules for teachers and students. In view of strengthening our PBL activities, we created PBL- Centre of Excellence. I currently work as Director PBL COE and lead team of PBL practitioners and trainers.

Role of PBLCOE in Vishwaniketan is to design and coordinate PBL models practice in the institute. Our role is to make sure that our educational experience is at par with global needs of engineering education. We work with various stakeholders to make sure that our educational model is in tune with changing needs of engineering education. Our thoughtfully designed PBL practice is well accepted by students and parents. In a short span of time, we have become a reason to inspire institutes to become PBL institutes. PBL approach is a wonderful educational strategy to build the profile of the students, teachers and Institute.

Thus, we invite you to become one of the few institutes in India to embrace and practice PBL.

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# Project Based Learning: What and Why?

Project Based Learning is also popularly known as Problem based learning, initially originated in the McMaster University Canada (1968), in Roskilde (1972) and Aalborg University (1974) Denmark. The PBL model focuses on challenging students to solve open ended problems, which are pre-selected to align with learning objectives of the program. Such problem solving requires considerable self-learning of the students to reach to the problem solution thus making learning student centred. Students can direct their learning and learn through experience which they gain while solving problems. Students' learning is also augmented by traditional teaching and supporting infrastructure like group rooms, smart classrooms, library and well equipped laboratories to support problem solving. Since, the PBL problems are challenging enough to the individuals, thus the group of 4-5 students are asked to work together to solve problem. This leads to peer to peer learning. It is proven that PBL leads to deep learning and enhanced performance level in the traditional as well as project examinations. PBL also leads to improved skill levels of students leading to better employability.

In ViMEET, the essential characteristics explained above are adapted to suit Indian educational environment. The staff members of various departments here are trained for the development of PBL models. Also, themes like Industry based Value Addition Programmes, Under-graduate fellowship programmes; industry-institute interface model and ViMEET incubation centre are practiced in line with PBL principles. Students are also prepared for evaluation and supported for their academics and placements. This ViMEET PBL models is implemented by many institutes in India and supported by 16 international universities across the globe. Thus, students are getting exceptional exposure to groom them for global market place. This model works well for affiliated colleges; autonomous or private universities can rip many more advantages of PBL from the fact that they have authority to frame their curriculum. This additional advantage for such institutes/universities can lead to preparation of classical University level PBL models such as Aalborg University, Denmark, Coventry University, UK or Purdue University, USA. Indian universities and autonomous institutes can compete with their global counterparts and place them in the world ranking with the aid of PBL.

In the Project based learning, curriculum development process is based on the current problems. Thus, students receive latest and authentic knowledge required to solve the problem. Students in PBL environment learn problem solving and design skills during the process the process of problem solving. Thus, it promotes novel technology and product development which is essentially need for strengthening start up India & the make in India.

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# Capacity Development Process for staff and Students

It is important to note that PBL practice has origin in Europe, whose culture is different than Indian culture. Also, PBL is not rooted in Indian Education system. Surprisingly none of the universities is practising PBL to its fullest possible extent. This may be because institutes don't have human resources which can practice PBL effectively. Also, there is a lack of understanding in PBL philosophy; for example most of educators think doing projects is PBL; in fact it is not. Thus, there is a need to for Training Educators on PBL philosophy and practice. Such training will create awareness among staff about PBL practice. Once the staffs are trained on PBL philosophy they can develop different PBL models suitable for their Institute based on its educational culture. Thus, PBL philosophy will remain same however practice is customised to suit the local culture.

After models being developed, its necessary to implement PBL in the institute, this is a PBL practice and teachers who implements is a PBL practitioner. During and after implementation it is essential to see the impact of PBL on students learning and skills, thus research on impact of PBL is initiated. We call this as PBL research and the teacher who conducts is a PBL researcher. Thus, research gives an opportunity to reflect what worked and what did not. Also, the PBL models and practice gets refined every cycle.

Once sufficient PBL Practice and research is being done, we believe that Institute can sustain PBL practice by themselves. From our past, experience we have learned that PBL practice and research in two consecutive cycles can establish a culture, however sustaining that culture becomes an issue. To overcome this, we identify teachers who have implemented and researched PBL in right manner with right attitude; we identify them as PBL trainers. These identified trainers then continue to guide and sustain PBL practice in the institute.

It's the students, who are the most important beneficiary of the PBL practice, thus students counselling for PBL is essential. Out team will conduct staff training and students counselling for PBL practice. We have experienced that during PBL practice staff and students come up with good projects which have potential for patent, publication or start-up, our team will identify these projects. These identified staff, students and projects then will be further trained on business modelling, patent and publication work. Same cycle will be repeated twice in one academic year. In both cycles, at every stage, Institute needs to prepare documents like notice, recordkeeping, list of projects, achievement etc. which will also prepare them for accreditation.

After first successful cycle, we will be starting training on writing joint proposals for European Union programmes.

It's essential for the institute management and teachers to take a call, where they are committed for this process. The following table can be seen as a guideline for achieving measurable outcomes listed in the last page.

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# Annexure "A" Capacity Development Programme for staff and Students

## 1st Cycle

| | | | | |
|---|---|---|---|---|
| **Before start of the semester** | Activity 1 | Two days introductory Workshop on PBL | Needed for Sustainability of PBL and for effective implementation | 100% Administrators and Teachers training Selection of two subjects for Implementation |
| | Activity 2 | Two days Teacher's training for Building Course Level PBL model | Needed for effective implementation | Course Level PBL model design with story board Assessment and Evaluation Plan |
| | Activity 3 | One day Teachers Training on PBL and outcome assessment | Needed for NAAC and NBA Also, for PBL assessment and Evaluation | Attainment calculations and Matrix |
| | Activity 4 | Teacher's PBL model Presentations | First comments on PBL models | PBL Pitch Preparation |
| | Activity 5 | Final PBL model Presentation | Final Review on PBL pitch | PBL Pitch |
| | Activity 6 | Two day Workshop on Research in PBL | Needed for documentation to find effectiveness of PBL | Introduction to Research in PBL Data collection Strategies |
| **First Two weeks of the semester** | Activity 7 | Students counselling | 100 % students counselling for career prospects through PBL | Students awareness about Importance of PBL |
| **During the second- third week of the semester** | Activity 8 | PBL Pitch – Presentations by PBL Teachers in the class | Classroom presentation is needed to understand PBL Practice | Students awareness about PBL implementation and assessment |
| **After One Month** | Activity 9 | First review on CLPBL | Two days depending on number of courses | Documentary checking Students Feedback |
| **After One Month** | Activity 10 | Second review on CLPBL | After One Month after first review | Documentary checking Students Feedback |
| **At the end of the semester** | Activity 11 | PBL day- Project Exhibition | One day per department | Evaluation of PBL models and students presentations on their work |

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| | | | | |
|---|---|---|---|---|
| | | | | Identification of Potential Start Up Ideas |
| **After the end of the semester** | Activity 12 | Research and Academic Outcome assessment and Mapping | Full day | Creating documentary evidences Feedback Suggestions of the new designs |
| | Activity 13 | Research Paper/ patent/ Business proposal Writing | Intellectual Property | Starting PBL research Culture and entrepreneurship |
| | Activity 14 | Attainment calculations | For NBA | Outcome Mapping and attainment calculations File for NBA/NAAC |
| | Activity 15 | Boot camp Training | For staff and students | Incubation Process starts on Identified Projects or New Ideas |

*Similar process will be executed for the 2nd cycle.

**Other con-current activities to be conducted**

| Sr. No | Name of Activity | Resource Person | Time Required | Participants |
|---|---|---|---|---|
| 1 | 4 Days Interaction Session with students & Teachers for Business Club , Presentation | Dr. S. S. Inamdar & Team | 4 Days | Students , Faculty |
| 2 | Review Meeting with Principal & Management | Team from Vishwaniketan | 2 Days in the semester | Faculty & Administrators |
| 3 | Continuous Assessment Norms | Team from Vishwaniketan | 2 Days | Faculty & Administrators |
| 4 | Business Club Meetings | Dr. S. S. Inamdar & Team | Every Month | Students ,Faculty |

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# Suggestive list of Courses offered

| Course Number | Title | Duration |
|---|---|---|
| C01 | Stepping towards Problem and Project based Learning: Introductory workshop | Two day |
| C02 | Design of Course Level PBL models for the affiliated Institutes | Two day |
| C03 | PBL for Outcome Based Education: NBA or NAAC | Two day |
| C04 | Assessment and Evaluation in PBL | One day |
| C05 | Improving effectiveness of PBL | Two day |
| C06 | Integration of ICT tools in PBL | One day |
| C07 | Writing and Reviewing PBL Research Papers | One day |
| C08 | Preparing for EU project: Processes and Documents | Two day |
| C09 | Patent Filing and Application Process | One Day |
| C10 | Boot Camp- Business Modelling Training | Two Day |
| C11 | Preparing Business Pitch | One Day |

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# Measurable Outcomes and Benefits

| Measurable Outcomes (MO) | Nature of Outcome |
|---|---|
| MO1 | 100% Teachers Training on PBL |
| MO2 | 100% Students Training on PBL |
| MO3 | Conduction of 11 workshops |
| MO4 | Identifying 10% teachers as trainers for future sustainability |
| MO5 | Research Papers on PBL and technology |
| MO6 | Training of Interested Teachers and students on Business Modelling |
| MO7 | Identifying 10 potential start up and Business Pitch |
| MO8 | Writing future joint European project proposal. |
| MO9 | Free Use of Vi-PBL Android Application for assessment of the projects |
| MO9 | Training to conduct business club meetings |

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# Memorandum of Understanding (MOU)

THIS MEMORANDUM OF UNDERSTANDING ("MOU") is made on this 5th January2020 BY AND BETWEEN

**CTIF-Vishwaniketan- Network, Kumbhivali, Tal. Khalapur Dist. Raigad**
And
**Geethanjali College of Engineering and Technology, Cheeryal, Hyderabad**

an entity incorporated/registered under the provisions of the **Jawaharlal Nehru Technological University** having its registered office at Hyderabad,. (herein after referred to as **"GCET"** which expression shall mean and include unless repugnant to the context or meaning thereof, its successors and permitted assigns) of the other part.
CTIF Vishwaniketan Network and **Geethanjali College of Engineering and Technology** are hereafter referred to individually as "Party" and collectively as "Parties".

## A. Responsibilities the Institute (Geethanjali College of Engineering and Technology):

1. Institute will send minimum 1 (one) faculty member for PhD programme in our partner universities abroad with 50% sponsorship. The institute expenses for three years of PhD work will not exceed Rs.15,00,000 (rupees fifteen lakhs). This will help institute to grow the PBL culture and excellence after 1 year period of agreement.
2. Complete freedom for implementation of Activity Plan, Project based learning cycles (VAP +Project+ exhibition), Internal Assessment Norms, rules/regulations of attendance requirement for students (All formats enclosed) needs to be given to the academic leadership.
3. The management will support in spirit the activities like academic calendar, course files, time table design etc. which is essential to create academic discipline in students and teachers for the final outcome of creating excellence in the campus.
4. The CTIF-Vishwaniketan Network has mandate of empowerment of students and teachers. This will help in development of the institute in a big way. Generally after one year of joint activities, good and potential teachers become fear-free. These teachers actually develop the institute to a great extent.
5. It will be necessary for teaching and non-teaching staff to work in a specific method to imbibe PBL. It is responsibility of CTIF-Vishwaniketan Network officer on duty to train them. Once the management is convinced after series of discussions, there should not be any constraint on the academic leaders to work.
6. To provide available industry contacts for projects, testing, research and consultancy.

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**A. The responsibility of CTIF-Vishwaniketan Network will be:**

1. To provide international exposure to student/ teachers of the institute through programs like UG Fellowship, Master and PhD programmes.
2. To guide, train the academic leadership, faculty and students so that PBL vision will be implemented meaningfully in the network institute.
3. To create policy environment for academic discipline, innovation and transparency in teaching-learning practices.
4. To demonstrate every activity, programmes, etc. for first year so that the institute faculty will be ready to take up the vision ahead.
5. To provide opportunities of collaboration on conferences, fellowships etc. in foreign universities of excellence.
6. Help the director/principal to prepare proposals for financial requirements of the activities, which may be approved by the management, well before the activity, after discussions.
7. To provide experienced/trained faculty for smooth conduction of activities till the institute is ready by itself.

**Finance-Terms and conditions**

i. The costs for the training, guidance and human resource for conducting all activities as mentioned in Annexure "A" is Rs.60,000/- (rupees sixty thousand) per month from date of signing MoU to be paid on monthly basis.

ii. The cheques/NEFT/RTGS to be drawn as follows:

Account Name: *Vishwaniketan (VAP),*
Bank Name: *Bank of India*
Address: Khalapur Branch, Khalapur, Maharashtra 410 202
IFSC Code: *BKID0001201,*
Account Type: *Current,*
Account No. *120120110000176*

b. Bus/train/air travel for the trainers to be borne by the institute.

c. Suitable arrangement of local travel, lodging and boarding to be made by the institute.

**C. ACTIVITIES /Assignments of CTIF- Vishwaniketan Network officers:**

1. Activity plan (attached separately) will be implemented step by step according to previous experience and local requirement.
2. PBL cycles/project exhibitions/conferences to be conducted as per existing practice with the help of industry trainers.
3. The time table, academic calendar etc. will be designed suitable to PBL vision.
4. Activities in details to be conducted in a typical semester are attached as annexure "A"

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**D. TERM AND TERMINATION**

This MOU comes into force from the day of signing by the last Party. The term of this MOU is one year from the last Party signing hereof. This MOU will terminate if either Party defaults in performance of its obligations and responsibilities stated herein above. Either Party may terminate this MOU by giving sixty (60) days prior written notice to the other Party.

**E. DISPUTE RESOLUTION**

If any disputes, controversies or differences arise between the Parties hereto out of, or in relation to or in connection with this MOU, or for any breach thereof, the same shall be if possible settled amicably and promptly by mutual consent of the Parties. If such disputes, controversies or differences cannot be settled between the Parties, they shall be finally settled by arbitration in accordance with the arbitration laws and rules prevailing in India. The award rendered by the arbitrator(s) shall be final and binding upon all the Parties. Any such arbitration proceeding shall be held in Mumbai. This MOU shall be subjected to the exclusive territorial jurisdiction of Bombay courts.

**F. GENERAL**

**a.** Third Party Right: No person who is not a party to this MOU shall have any right to enforce any terms of this MOU.

**b.** Notice: Notices and other communications required or permitted pursuant to this MOU, shall be in writing and shall be delivered personally, or by prepaid registers mail, or sent by confirmed facsimile transmission to the other Party, or by use of professional overnight courier service, at the addresses set forth above.

**c.** Amendment: This MOU contain the entire agreement and understanding between the Parties. No amendments or modifications to this MOU shall be effective unless made in writing and signed by authorized representatives of the Parties.

d. This MOU including the exhibits annexed hereto supersede all prior agreements, representations and understandings, written or oral, between the Parties and constitute the complete agreement and understanding between the Parties unless modified in writing, signed by both Parties.

IN WITNESS WHEREOF, the Parties hereto, each acting under due and proper authority, have executed this MOU as of the date written above

**For CTIF-Vishwaniketan Network**

**Signature** 05/01/2020

**Name:Dr.Vikas Vithal Shinde**

**Witness1:**
**Name: Dr.Radhika Dora**

**Signature**

**For Geethanjali College of Engineering and Technology**

**Signature** 05/01/20

**Dr.Udaya Kumar Susarla**

**Witness 2:**
**Dr.Madhuri Bayya**

**Signature** 5 Jan 2020

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

**Date:** 05/01/2020

To,

The Principal,
ViMEET,
Khalapur,
Navi Mumbai.

**SUB:** GCET – Resource person – PBL Workshop, January 2020 Relieving Order – Reg.

**Dr. Vikas V Shinde,** Director PBL-COE Vishwaniketan, was resource person for the two day PBL workshop at our campus. He was present in our campus from 03/01/2020 till 05/01/2020 for European Union proposal and PBL workshop. He is relieved from our institute on 05/01/2020.

Thanking you,

PRINCIPAL
PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

To
Dr. Vikas V Shinde, Director PBL-COE Vishwaniketan.

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

HANBIT®

**Hanbit Automation Technologies Pvt Ltd.**

#45, DLR Enclave, Sainikpuri, Secunderabad, Telangana 500094

and

**Geethanjali College of Engineering and Technology**

Cheeryal (V), Keesara (M), Medchal (Dist), Telangana 501 301

# MEMORANDUM OF UNDERSTANDING

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

This memorandum of understanding ("MoU") is executed on this day April 08, 2019

**Hanbit Automation Technologies Pvt Ltd.** represented by Mr. Phani Kumar Varanasi, Director & CEO, Hanbit Automation Technologies Pvt Ltd. at #45, DLR Enclave, Sainikpuri, Secunderabad, Telangana 500094
Hereinafter called Party I:

AND

**Geethanjali College of Engineering and Technology** represented by Dr. Udaya Kumar Susarla, Principal, Geethanjali College of Engineering and Technology, Cheeryal (V), Keesara (M), Medchal (Dist.), Telangana 501301
Hereinafter called Party II:

## AREAS OF INVOLVEMENT BY PARTY-I:

1. To provide internships / project works / industrial visits etc. to the extent of feasibility and availability for industrial exposure to the students of Party-II.
2. To visit Party II for providing placement opportunities to the eligible students through campus interviews.
3. To nominate experts in the area of design and development of test systems/sub-systems/modules and to deliver guest lecture to the students of Party-II on mutual agreement of both parties.
4. To provide Industrial Training to the faculty and students of Geethanjali College of Engineering and Technology of Party-II.
5. To enhance the quality of education imparted by Party-II by providing necessary support to the extent of feasibility.
6. To suggest for design / revision of course curriculum of the B.Tech Degree Programs run by Party-II.
7. To undertake consultancy and joint R&D projects with the faculty of Party-II and involve specialists at National and International Level whenever possible.

## AREAS OF INVOLVEMENT BY PARTY-II:

1. To enhance the quality of education imparted by incorporating the mutually agreed suggestions made by Party-I.
2. For any of the mutually agreed joint programs, Students and/or Faculty will be assigned appropriately.
3. To offer guest lectures for the benefit of the staff and Engineers of Party-I on mutually agreed terms.
4. To organize training programs for the engineers of party-I as per the mutually agreed details. The timing and duration of these and any financial part will be jointly worked out by the two parties.



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5. To recommend students for internships/employment to the Party I based on their requirement.
6. To provide academic guidance to the Party II in design and analysis of specific theoretical areas as needed.

**JOINT AREAS OF INVOLVEMENT:**

1. Specific projects will be identified for each area of collaboration and the details of which will be specified separately on mutually agreed terms.
2. The release of any information will be maintained confidential with mutual agreement of both parties.
3. Neither party shall have any liability unless explicitly mentioned in a separate document.
4. While undertaking a joint program, the expertise, software, hardware, data, etc., with either party will be made available to each other for completion of the project.
5. Increasing the employability factor for the student community of Party-II by creating development plans for students based on mutual agreement.
6. This MoU is valid for a period of five years from the date of execution and can be terminated with the consent of either party with three months prior notice and written information without any liability to each other.
7. To conduct FDPs/Workshops jointly to strengthen the knowledge of both the parties.

**The address for correspondence between two parties will be as under:**

**Hanbit Automation Technologies Pvt Ltd.**, #45, DLR Enclave, Sainikpuri, Secunderabad, Telangana 500094, Contact No.: 98666-54034

**Geethanjali College of Engineering and Technology** Cheeryal (V), Keesara(M), Medchal (Dist), Telangana 501301, Contact No.: 94137-23303

For HANBIT AUTOMATION TECHNOLOGIES PVT. LTD.

**Signed: Party I**

DIRECTOR

**(Mr. Phani Kumar Varanasi)**

**Signed: Party II**

**(Dr. Udaya Kumar Susarla)**

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

**Witness:**

1.

2.

1. 08/04/2019 (R.S. RAJU)

2. (OVPR-SIVAKUM



PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

IBM.

**Memorandum of Understanding**

between

Geethanjali College of Engineering & Technology

And

IBM India Pvt. Ltd

This Memorandum of Understanding ("MOU") is entered into at effective as of 18/8/17 ("Effective Date"), by and between:

IBM India Private Ltd., a company incorporated under the provisions of the Companies Act, 1956 and having its registered office at Subramanya Arcade, Bannerghatta Road Bangalore 560076 and hereinafter unless the context otherwise requires be referred to as **"IBM"**.

And

Geethanjali College of Engineering & Technology, , having its registered office and campus at Cheeryal Village, Keesara Mandal, Medchal District., Hyderabad, Telangana 501301. INDIA, hereinafter unless the context otherwise requires be referred to as "Geethanjali College".

WHEREAS GEETHANJALI COLLEGE with a view to provide best in class skills to students and faculty members in higher education and to disseminate knowledge through novel techniques and methodologies for the benefit of large sections of society, offering a wide range of programs.
WHEREAS GEETHANJALI COLLEGE and IBM having felt the need to provide the learners with the trainings which may lead to enhanced skills, IBM and GEETHANJALI COLLEGE agree to collaborate through the IBM Career Education program.

WHEREAS GEETHANJALI COLLEGE and IBM agree that all discussions between GEETHANJALI COLLEGE and IBM are non binding unless and until the parties enter into written, definitive agreement signed by their duly authorized representative and neither party shall be obligated to enter into such an agreement.

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WHEREAS IBM anticipates that GEETHANJALI COLLEGE will elect to engage IBM as the primary and preferred technology provider and for software training services.

Now therefore this MOU witnesses:

**I - DEFINITIONS**

**GEETHANJALI COLLEGE,** shall include, unless repugnant to the context otherwise require, its associates-

**"Faculty"** hereby refers to Training Staff of GEETHANJALI COLLEGE,
**"Students"** hereby refers to all the students of GEETHANJALI COLLEGE
**"Program(s)"** hereby refers collectively to Career Education program of IBM that includes initiatives like SEED, CEBT etc. for Engineering, IT or Business Schools in colleges and Universities. For more information please refer to http://ibm.com/in/careereducation
**"SEED"** hereby refers to the faculty development training program initiative as Software Engineering for Educational Development
**"CEBT"** hereby refers to the program as Career Education for Business Transformation, a training program to provide multi-disciplinary skills to students and faculty members
**Career Education Courses:** courses as agreed with GEETHANJALI COLLEGE for which GEETHANJALI COLLEGE students or faculty members will receive training
***"Business Partner"*** means organizations certified by IBM to commercially sell its Program and also conduct training under the programs.
***"Software"*** or ***"Product"*** means the IBM computer software packages identified for introduction in the Program
**"Courseware"** hereby refers to books or education material given in any form like printed books, CDs, PDFs etc.

**I. Foreseen benefits of the collaboration**

**a) GEETHANJALI COLLEGE**
- Opportunity to emerge as one of the competent entities in the academic circles in various areas of Information technology;
- Opportunity to be recognized by the Industry and academic circles as one of the preferred location/institution for acquiring training and skills in latest technology and software;
- Opportunity to students and faculty members to increase their knowledge and acquire skills on best-in-class IBM Software
- Opportunity to design innovative curriculum and on various industry specialization using relevant IBM Software
- Opportunity to learn from the practitioners in the industry from IBM or business partners
- Opportunity for students and faculty members to avail professional and global certification on IBM Software
- Opportunity to setup a joint and co-branded Lab on the campus with IBM, focused on various specialty areas like Big Data, Analytics, Mobility, Security, SW Engg. etc.
- Opportunity to conduct independent non-commercial research by faculty members as per guidelines from IBM time to time
- Opportunity to receive Courseware from IBM designed by professionals in IBM Software Labs
- Opportunity to conduct various seminar and workshops with IBM in the institution
- Opportunity to co-market with IBM to promote Programs



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**b) IBM**

- Availability of skilled resource pool armed with IBM Software skills that various organizations may want to evaluate for recruitment
- Propagation of IBM Software and technology knowledge & skill to various students and faculty members

**III – TERMS AND CONDITIONS**

**a) Courseware and Training**

IBM, through its own personnel or authorized business partners, will provide Courseware and/or perform the Training activities for Career Education courses as per the details given below in Annexures. The MoU shall only govern the provision of products and services provided by IBM Career Education, a division of IBM India Private Ltd to GEETHANJALI COLLEGE.
GEETHANJALI COLLEGE will pay for the courseware and/or trainings in advance to IBM.

Under this MOU, GEETHANJALI COLLEGE also assures IBM that it will enroll its students and/or faculty members taking IBM Career Education courses every year from the effective date of the signing this MoU, It will also be the endeavor of the GEETHANJALI COLLEGE management to initiate the process of IBM Career Education courses to be included in their curriculum in case it has not been included so far.

**b) Software**

IBM will provide all relevant IBM Software required for the training programs through the WW Academic Initiative program. This software should be used strictly for training & enablement purposes for students & faculty members of GEETHANJALI COLLEGE. No commercial usage is allowed. Software is available under applicable IBM International Program License Agreements (IPLA) and terms and the provisions of this MOU only.

**IV - BREACH OF MOU**

In the event of any breach of the terms of this MOU, which is capable of rectification, by either party hereto, such other party shall be entitled to call upon the party to rectify such breach within fifteen days from the date of the notice, failing which the breach shall be deemed to be a material breach, and shall entitle such other party to rescind this MOU for material breach.

**V – TERM AND TERMINATION**

The MOU shall be effective from the effective date, and shall be valid for a term of five (5) years, unless terminated earlier by either party, or extended mutually by both parties hereto, on the same terms and conditions as herein.

This MOU will terminate upon written notice by either party. The notice of termination should be issued at least 30 days before the intended date of termination unless extended or terminated earlier. If at any time any party wishes to withdraw from further evaluations and discussions in connection with the subject matter of this MOU and terminate this MOU, it may do so with or without cause and without liability by providing



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the other party with written notice of its intention to withdraw from further evaluations and discussions. (In case IBM is providing training then IBM to complete the batch in session and or registered irrespective of termination period / date, subject to all the payments and other obligations having been met by GEETHANJALI COLLEGE in a timely manner).

In the event of termination of this MOU for any reason whatsoever, including termination due to breach by IBM, any software or courseware licenses granted to GEETHANJALI COLLEGE by virtue of this MOU, shall also stand automatically terminated without any further act of parties. GEETHANJALI COLLEGE will also return or destroy at IBM's discretion, all material provided by IBM including courseware slides, soft copy courseware provided by IBM towards trainings.

The following obligations will survive termination of this MOU for any reason:

Use and nondisclosure of confidential information,

Indemnification and Liability,

Obligations to make payments of amounts by GEETHANJALI COLLEGE that become due by virtue of this MOU, prior to termination.

**VI – LIMITATION OF LIABILITY**

Neither party shall be liable for any indirect, punitive, special, incidental or consequential damages arising out of or in connection with this MOU, whether for breach of this MOU or in torts, including loss of business, data, revenue, profits, or for any third party claims against the other (except as specifically admitted by paragraph 2 below) whatsoever.

Except for IBM's obligation to indemnify GEETHANJALI COLLEGE in the event of breach of third Party Intellectual Property rights (as set out in under the applicable definitive agreement) and except in the event of breach by GEETHANJALI COLLEGE of any of IBM's Intellectual Property rights or IBM confidential information rights, the Parties agree that either Party's liability for any loss or damage to the other, its customers, or any third party, as a result of or in connection with this MOU, shall not exceed in the aggregate the amounts received by IBM, from GEETHANJALI COLLEGE under this MOU.

**VII – ARBITRATION**

Any and all disputes, controversy or claims related to or arising in connection with this MOU shall first be referred to Vice Chancellor, GEETHANJALI COLLEGE or his representative and Country Manager, Career Education program of IBM for an informal resolution.

If this informal resolution does not resolve the dispute, then the matter will be referred to and settled by binding arbitration in accordance with the Arbitration and Conciliation Act, 1996. The seat of any such arbitration shall be Bangalore. The award of the arbitration may be enforceable in any court of competent jurisdiction. Each party shall bear its own costs and fees in connection with the arbitration.

Unless agreed otherwise, the number of arbitrators shall be three, with each side to the dispute being entitled to appoint one arbitrator. The two arbitrators appointed by the parties shall appoint a third arbitrator who shall act as chairman of the proceedings. Vacancies in the post of chairman shall be filled by the president of the Bar Council of India. Other vacancies shall be filled by the respective nominating party. Proceedings shall continue from the stage they were at when the vacancy occurred. If one of the parties refuses or otherwise fails to appoint an arbitrator within 30 days of the date the other party appoints, the first appointed arbitrator shall be the sole arbitrator, provided that the arbitrator was validly and properly

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appointed. All proceedings shall be conducted, including all documents presented in such proceedings, in the English language. The English language version of this Agreement prevails over any other language version.

**VIII – GENERAL**

This MOU shall not be construed to be an agency or a partnership or joint venture or an employment relationship. Neither party shall be entitled to bind the other party with any third party by its actions, unless it has specifically obtained the prior written consent of such other party to do so.

Each party is an independent contractor, and nothing under this MOU shall be construed to create an employment relationship, whether for tax or for any other purpose, nor any partnership or joint venture between the parties. No provision of this MOU grants either party any express or implied right of authority to assume or create any obligations or responsibility on behalf of or in the name of the other party, or bind the other party in any manner or thing whatsoever. Neither party nor its personnel shall be considered employees of the other.

Neither party shall assign or transfer this MOU or any benefits or rights or obligations accruing to it under this MOU, without the prior written consent of the other party.

IBM shall during the term of this MOU be entitled to audit the courseware & the software license usage records of licenses hosted on GEETHANJALI COLLEGE premises as well as training attendance records maintained by GEETHANJALI COLLEGE. This audit can be conducted only during reasonable business hours and two weeks notice for audit. Cost of the audit is to be borne by IBM.

The existence and substance of this MOU and the rights and obligations of the parties herein will be kept confidential by GEETHANJALI COLLEGE and will not be disclosed to any third party without the prior written consent of IBM. Notwithstanding the foregoing, GEETHANJALI COLLEGE may make such disclosure to the extent required by law, court or statutory authority, in which case GEETHANJALI COLLEGE will promptly inform IBM to allow IBM a reasonable opportunity to obtain a protective order. IBM and GEETHANJALI COLLEGE agree not to use the trademark, trade names, services or any other proprietary marks of the other party in any advertisement, press releases, publicity matters or other promotional materials without prior written approval of the other party. Any press release, publicity or media interaction pertaining to this MoU signing or IBM activities on campus need to have prior written consent from IBM. The use of IBM Logo shall be subject to prior written permission by IBM and under the terms of the applicable agreement such as Trade Mark License Agreement executed between GEETHANJALI COLLEGE and IBM or IBM's parent or affiliates. Any violation of this paragraph will amount to material breach and will lead to the termination of this MoU.

This MOU supersedes all prior oral or written communication, discussions and representations communicated between the parties hereto in respect of the subject matter of this MOU. Any modification to this MOU shall only be made by way of a written document duly executed by representatives of both parties hereto.

If any provision of this MOU is held to be unenforceable or illegal under certain circumstances for any reason, such decision shall not affect the validity or enforceability of such provisions under other circumstances or the remaining provisions hereof and such provisions shall be reformed only to the extent necessary to make them enforceable under such circumstances.

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Any notice under this MOU will be in writing and delivered by hand or by registered mail, return receipt requested, to the other party at the registered office or as may be substituted by the notice. If any notice is sent by mail, notice will be effective on the date of receipt.

GEETHANJALI COLLEGE shall maintain at all times, a one-point contact for the IBM trainings being conducted at the institution. Any change in the contacts below will be promptly notified to IBM.

IN WITNESS WHEREOF, the parties hereto have executed this MOU on the date, month and year, hereinabove written.

Signed:

| For Geethanjali College of Engineering & Technology | For IBM India Private Ltd. |
|---|---|
| Name: G.R. Ravinder Reddy | Name: Jasodhara Bose |
| Designation: Secretary | Designation: Manager Sales |
| Signature: RNR | Signature: |

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**Annexure I to IBM Career Education MoU**

a) IBM and GEETHANJALI COLLEGE, acknowledge the need for IBM Software skills, in the IT education and training sector. The objective is to have a number of individuals skilled on IBM Software. Both IBM and GEETHANJALI COLLEGE are keen to cooperate in a way that shall benefit GEETHANJALI COLLEGE students pursuing a career in the industry.

b) GEETHANJALI COLLEGE shall rollout Under Graduate / Post-graduate / Certificate / Value added programs with specialization aligned with relevant IBM Software delivering all or any of such programs to enrolled students and faculty members. IBM shall provide reasonable support as set-forth below to have GEETHANJALI COLLEGE commence and conduct this initiative. Such support may include assistance in the form of providing free IBM software products, identified courseware and academic support through Subject Matter Experts. The provision of software, IBM materials and services shall be under a relevant IBM agreement executed by the parties. Such agreement shall govern the use of software, IBM materials by GEETHANJALI COLLEGE. IBM's responsibilities under this Agreement are subject to GEETHANJALI COLLEGE fulfilling its responsibilities under the MoU.

c) The curriculum may be provided by IBM or jointly developed by IBM and GEETHANJALI COLLEGE designated subject matter experts. There may be additional specialized offerings and curriculum may be reviewed and updated by IBM and GEETHANJALI COLLEGE from time to time with mutual agreement.

d) Joint Co-ordination Committee - To guide the execution of the activities agreed under this MoU, GEETHANJALI COLLEGE and IBM Career Education team may constitute a Joint Co-ordination Committee (hereinafter referred to as "Committee") as follows:
   - Vice-Chancellor / Head of GEETHANJALI COLLEGE or his nominee as the Chairperson;
   - One representative from each party as members
   - A Project Coordinator from GEETHANJALI COLLEGE who shall also be the Convener of the Committee.

   Chairperson of the committee may recommend changes in the member's from time to time in consultation with the nominating parties and have the same approved by the Head, GEETHANJALI COLLEGE.
   The Committee shall recommend on course curriculum, course content, delivery, determination of fee. The Committee shall monitor and review the activities under this MoU and recommend such decisions with respect to any aspect regarding this MoU for the purpose of removing any impediment, promoting the programs arising from this MoU, approving the content and recommending changes therein, the program prospectus and fee structure.

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Following are the proposed roles and responsibilities:

e) **IBM**

- Appoint member to the committee
- To co-develop and supply courseware for the students as required
- Provide orientation workshops for the faculty nominated by GEETHANJALI COLLEGE for the program
- Deploy SMEs for covering topics for students as mutually agreed as per the curriculum

Provide the participation certificates for all the students who have successfully completed the course

f) **GEETHANJALI COLLEGE**

- Appoint members and Program Convener to the Joint coordination Committee
- To help IBM to co-develop the curriculum of the program as required
- Promote the program through various channels, develop collateral and market
- Conduct the admissions, deliver Courses agreed as per the curriculum, conduct evaluations/assessments and issue degree accordingly
- Provide detailed session plan
- Share the student data with IBM who apply and enroll to the program as per prescribed format from IBM
- Nominate faculty members for the orientation program by IBM
- Provide the required infrastructure and other support for running the courses as per IBM's specification to IBM or IBM designated Business Partner resources
- In case of a co-branded Lab setup, provide a minimum 30 computer lab that can be designated with appropriate signboards creative as provided by IBM, in the campus.
- Confirm and process the payments to IBM in advance on agreed schedule.

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**Value Added Programs in association with Geethanjali College of Engineering & Technology**

## 1. Joint Lab Setup and Faculty Development Program

| Specialisation | Topic | Duration | Program Fee | Remarks |
|---|---|---|---|---|
| Business Analytics | IBM CE - Learning Business Intelligence using Cognos BI | 32 hours | INR 12,00,000 + taxes | IBM will provide training for each of the modules & provide courseware and Course Completion Certificate at the end of the program to the participants. |
| Big Data | IBM CE - Essentials of Big Data with Hadoop using IBM Infosphere Biginsights | 32 hours | | Standard Batch Size per Module = 20, however, Maximum of 25 Faculty members can attend the training program , per module. |
| Security | IBM CE - Fundamental course in Identity Management | 32 hours | | Training to be completed by December 2017 |

**Session will be conducted for 4 days full day as a workshop mode. Applicable for all the 3 modules**

## 2. Student Development Program

| Specialisation | Topic | Duration | Per Student Fee | Remarks |
|---|---|---|---|---|
| Business Analytics | IBM CE - Learning Business Intelligence using Cognos BI | 32 hours | INR 3000 | IBM will provide course material for each of the modules & provide Course Completion Certificate at the end of the program to the participants. |
| Big Data | IBM CE - Essentials of Big Data with Hadoop using IBM Infosphere Biginsights | 32 hours | INR 3000 | Batch Size per Module is min 50, min 150 students need to get trained across the modules. |
| Security | IBM CE - Fundamental course in Identity Management | 32 hours | INR 3000 | |

**For student development program , training will be conducted by the Institute Faculty Members for all the 3 modules. IBM to provide printed courseware for the training and course completion certificate upon successful completion of the training , for individual students.**

**Institute needs to place the order for Students Kit on IBM atleast 3 weeks before the initiation of Students Training**

- Taxes or duties as applicable will be extra
- GEETHANJALI COLLEGE needs to place an order of a minimum number of 100 students every year.



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The obligations set out herein is subject to the relevant Statement of Work (SoW) being shared and signed between the parties.



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Annexure – 2 to IBM Career Education MoU

# Trademark License Agreement for Co-marketing of the IBM Logo

**Trademark License Agreement ("Agreement") made as of** 18/8/17 **, between IBM India Ltd, a Indian corporation (hereinafter "LICENSOR"), and Geethanjali College of Engineering & Technology** having its registered office at Cheeryal Village, Keesara Mandal, Medchal District., Hyderabad, Telangana 501301. INDIA **(hereinafter "LICENSEE").**

**Section 1. DEFINITIONS**

**1.1 "Licensed Mark" shall mean the IBM logo identified in Exhibit 1.**

**1.2 "Logo Usage Guidelines for Co-marketing" shall mean such guidelines as may be established by LICENSOR and modified from time to time, upon reasonable notice, by LICENSOR, providing for the use and display of the Licensed Mark. The current "Logo Usage Guidelines for Co-marketing" are identified in exhibit 2.**

**1.3 "Communications" shall mean the materials identified in Exhibit 3.**

**Section 2. LICENSEGRANT**

**2.1 LICENSOR grants LICENSEE a worldwide, non-exclusive, non-transferrable, right and license to use the Licensed Mark on the Communications in accordance with the terms of this Agreement.**

**Section 3. USEOFTHELICENSEDMARK**

**3.1 LICENSEE agrees to display and use the Licensed Mark solely in the form, manner and style required in the IBM Logo Usage Requirements for co-marketing.**

**3.2 LICENSEE agrees to use the Licensed Mark only on Communications developed as a result of a joint collaboration between LICENSOR and LICENSE and the usage is for signboard appearing directly outside of the IBM lab at the University and on limited advertising of the lab/courses.**

**Section 4. OWNERSHIPOFTHELICENSEDMARK**

**4.1 All ownership rights in the Licensed Mark belong exclusively to LICENSOR. LICENSEE has no ownership rights in the Licensed Mark and shall acquire no ownership rights in the Licensed Mark as a result of its performance (or breach) of this Agreement. All use of the Licensed Mark or variations thereon shall inure solely to the benefit of LICENSOR. Upon termination of this Agreement, all rights of LICENSEE to use the Licensed Mark shall terminate immediately except as otherwise provided herein.**

**4.2 LICENSEE agrees:**

1. **not to take any action which will interfere with any of LICENSOR's rights in and to the Licensed Mark;**
2. **not to challenge LICENSOR's right, title or interest in and to the Licensed Mark or the benefits therefrom;**
3. **not to make any claim or take any action adverse to LICENSOR's ownership of the Licensed Mark;**
4. **not to register or apply for registrations, anywhere, for the Licensed Mark or any other mark which is similar to the Licensed Mark or which incorporates the Licensed Mark; and**
5. **not to use any mark, anywhere, which is confusingly similar to the Licensed Mark.**

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Section 5. QUALITYCONTROL

5.1 The parties agree that LICENSOR may inspect the COMMUNICATIONS before they are distributed by LICENSEE. LICENSOR shall have forty-eight (48) hours within which to amend or approve the Communications. Approval by LICENSOR shall not be unreasonably withheld.

5.2 Failure to meet the quality standards set forth in this License shall be deemed to be a breach thereof which must be corrected to IBM's satisfaction within seven (7) days, (or the earliest update cycle, whichever comes first), of being put on notice. Until such breach is corrected LICENSEE may not use the Licensed Mark.

Section 6. PROTECTIONOFTHELICENSEDMARK

6.1 LICENSEE agrees to notify LICENSOR within ten (10) business days if LICENSEE becomes aware of:

1. any uses of, or any application or registration for, a trademark, service mark or trade name that conflicts with or is confusingly similar to the Licensed Mark;
2. any acts of infringement or unfair competition involving the Licensed Mark; or
3. any allegations or claims whether or not made in a lawsuit, that the use of the Licensed Mark by LICENSOR or LICENSEE infringes the trademark or service mark or other rights of any other entity.

6.2 LICENSOR may, but shall not be required to, take whatever action it, in its sole discretion, deems necessary or desirable to protect the validity and strength of the Licensed Mark at LICENSOR's sole expense. LICENSEE agrees to comply with all reasonable requests from LICENSOR for assistance in connection with any action with respect to the Licensed Mark that LICENSOR may choose to take.

6.3 LICENSEE shall not institute or settle any claims or litigation affecting any rights in and to the Licensed Mark without LICENSOR's prior written approval.

Section 7. INDEMNITY

7.1 LICENSOR shall settle or defend all claims made by third parties against LICENSEE and shall thereby indemnify and hold LICENSEE, its officers, agents and employees, harmless from any and all claims made against LICENSEE for infringement or unfair competition arising from LICENSEE's use of the Licensed Mark in accordance with the terms of this Agreement. Following notice of an infringement claim or at any time LICENSOR deems appropriate, LICENSOR may provide LICENSEE a substitute logo for use under the terms and conditions of this Agreement.

7.2 Notwithstanding the above, LICENSOR shall not be liable for any consequential damages, loss or prospective profits, or lost business opportunities.

7.3 To qualify for such indemnification, LICENSEE must notify LICENSOR of any such claim in writing within ten (10) business days of LICENSEE's receipt of such claim, and allow LICENSOR to control and fully cooperate with LICENSEE in the defense of and all settlement negotiations related to such claim.

7.4 LICENSEE shall indemnify LICENSOR, its officers, agents and employees from and against any and all claims, damages, liabilities (including settlements entered into in good faith), suits, actions, judgments, penalties and taxes, civil and criminal, and all costs and expenses (including without limitation reasonable attorneys' fees) incurred in connection therewith, arising out of:

1. any act, omission, neglect or default of LICENSEE or its agents on or in connection with the distribution, promotion or marketing of Communications; or
2. Personal injury or any infringement of any rights (including copyrights) of any person by the sale, distribution, possession, or use of any Communications; or
3. LICENSEE's failure to comply with applicable laws with respect to the distribution, possession or use of any Communications.
4. any and all third party claims, suits, costs, damages, including punitive damages, liabilities of any kind, and attorneys fees incurred arising out of or related to LICENSEE's use of, or representation about the Licensed Mark or any third party's use of the Communications or its content or any of LICENSEE'S products or any other products associated with, used in, or marketed or provided through the Communications.

7.5 LICENSOR's indemnification obligation shall not exceed $50,000.00.

Section 8. WARRANTY

8.1 LICENSOR represents and warrants that it is owner of the Licensed Mark and any corresponding trademark registrations and/or applications related thereto. LICENSOR makes no other warranties of any kind, either expressed or implied, with respect to the Licensed Mark.

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Section 9. DURATIONANDTERMINATION

9.1 This Agreement and the rights and licenses granted hereunder, shall terminate on (3 Years after signing), unless earlier terminated in accordance with its terms or when the MOU between IBM India Ltd and "Geethanjali College" is terminated.

9.2 Either LICENSOR or LICENSEE shall have the right to terminate the licenses granted in Section 2 with or without cause at any time on thirty (30) days written notice to the other party.

9.3 If LICENSEE breaches this Agreement, LICENSOR shall have the right to terminate the licenses granted in Section 2 in their entirety. If LICENSOR elects to terminate because of breach of this Agreement, LICENSOR will provide written notice to LICENSEE of the breach and LICENSOR's decision to terminate. If LICENSEE has not cured such breach within seven (7) days of the date of such notice, the licenses granted in Section 2 shall be terminated.

9.4 In the event that a license granted under this Agreement is terminated by LICENSOR under Section 9.2, LICENSEE shall have three (3) months after the date on which termination is effective (Wind-Up Period) to dispose of all Licensed Communications in its inventory. Upon termination of the Wind-Up Period, or immediately upon termination for breach, LICENSEE shall provide LICENSOR with proof of the destruction of all existing Communications which bear the licensed mark.

Section 10. NOTICES

All notices and other communications under this Agreement shall be in writing and shall be sent by certified mail with return receipt requested to the other party's then current Executive Coordinator, or designee, at their respective addresses as set forth below. Notification of a change of address must be given in writing. All such mailed notices shall be deemed given and received upon the date indicated on the certified mail receipt.

International Business Machines Corporation
North Castle Drive
Armonk, NY 10504
Attn: Corporate Counsel, Trademarks

NAME OF COMPANY
ADDRESS
Attn: _____

Section 11. TRANSFEROFRIGHTS

11.1 LICENSEE may not, either directly or indirectly, sublicense, assign, or in any way encumber this license. Any attempt to do so shall be void and shall result in immediate termination of this License.

Section 12. ENTIREAGREEMENT

12.1 This Agreement and its attached Exhibits represent the entire agreement between the parties, and fully supersede any and all prior agreements or understandings between the parties pertaining to the licensing of the Licensed Mark by LICENSOR to LICENSEE. This Agreement may not be amended or modified, in whole or in part, except by a written instrument duly executed by all of the parties hereto.

12.2 The failure of any party to insist upon strict adherence to any provision of this Agreement, in whole or in part, on one or more occasions, shall not constitute a waiver of its right to insist upon the strict performance of that or any other provision or part thereof in the future.

12.3 This Agreement and any amendments hereto may be signed in one or more counterparts, each of which, when signed and delivered, shall be deemed to be an original. All such counterparts together shall constitute one and the same valid and binding agreement, even if all of the parties have not signed the same counterpart. Signatures to this Agreement may be delivered electronically or by facsimile, in which case the electronic or facsimile copy of an original signature shall be deemed to be an original signature.

12.4 This Agreement will be governed by the substantive laws of India.

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IN WITNESS WHEREOF, the parties have caused this Agreement to be duly executed by their authorized representatives as of the date first set forth above.

IBM India Private Ltd

By_____

IBM India Private Limited

Geethanjali College of Engineering & Technology

By_____

Name: G.R. Ravinder Reddy

Title: Secretary

Geethanjali College of Engineering & Technology
Sy. No. 33 & 34, Cheeryal Village, Keesara Mandal

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Geethanjali College of Engg. Tech.
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**Exhibit 1**
**IBM Logo**

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IBM India Private Limited

Geethanjali College of Engineering & Technology
Sy. No. 33 & 34, Cheeryal village, Keesara Mandal, R.R. Dist.

RN

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Cheeryal (V), Keesara (M), R.R. Dist. (A.P.) - 501 301

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## Exhibit 2

# IBM Logo Usage Guidelines for Marketing Materials and Websites

These Guidelines set forth the standards and requirements for use of the IBM Logo on Marketing Materials and Websites bearing the IBM Logo and the logo, trademark or trade name of another company.

Compliance with these Guidelines is required. In the event of a conflict between the terms and conditions of the Logo License Agreement and this Exhibit 2, this Exhibit 2 shall prevail.

Guidelines as to the Nature and Content of the Marketing Materials and Websites:

1. Use of the IBM Logo may occur only on Marketing Materials and Websites which clearly and explicitly communicate:
   a. the scope and nature of the relationship between the parties;
   b. the responsibilities of each of the parties.

   The IBM Logo may not be used in such a way as to attribute to IBM a product or service not actually originating from IBM.

2. Marketing Materials and Websites may not contain any statements, imagery or other materials which are illegal or which may, in the sole judgment of IBM, be in bad taste or inconsistent with IBM's public image, or tend to bring disparagement, ridicule or scorn upon IBM.

3. The IBM Logo may not be placed or applied in a manner which may cause confusion as to the source or origin of the offering or communication.

4. The IBM Logo must always remain distinct and separate. The IBM Logo may not be combined with any other trademark or logo owned by another company nor may it be combined with any text, graphics, imagery or product identifiers. The IBM Logo may not be contained within the text of a sentence.

5. In a sponsorship, when used in proximity to one or more company identifiers, the IBM Logo should be placed and sized to match the visual weight and emphasis of all the other sponsors logos.

6. The use of the IBM Logo must clearly communicate the context or relationship IBM has with the company, event or offering. This may be done by the addition of "relationship text" in the headline, body copy and/or in association with the logo signatures of a communication.

7. The following trademark attribution statement shall be applied on the page on which the IBM Logo is being used or in the legal attribution segment of the Marketing Materials and Websites:

   The IBM Logo is a registered trademark of IBM in the United States and other countries and is used under license. IBM responsibility is limited to IBM products and services and is governed solely by the agreements under which such products and services are provided.

Correct Appearance of the IBM Logo:

1. Do not create your own version of the IBM Logo.
2. Do not change the size, color or proportion of the artwork provided by IBM.
3. Always allow a "safe space" around the logotype that is equal to or greater than the height of the IBM Logo in use.
4. Do not place the IBM Logo on active backgrounds that may reduce legibility.
5. Always use the approved IBM Blue:

   Color Specifications:
   Pantone equivalent: PMS 2718C
   Process equivalent: Cyan 75%, Magenta 43%, Yellow 0%, Black 0%
   RGB equivalent: Red 90, Green 135, Blue 197
   Broadcast equivalent: Red 22%, Green 42%, Blue 70%

IBM India Private Limited

Geethanjali College of Engineering & Technology
Sy. No. 30 & 34, Cheeryal Village, Keesara Mandal

RNV



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# ATTACH EXHIBIT 3

Illustration – Sample only

IBM

IBM Software Lab for Emerging Technologies

Initiative of the Career Education Program

In collaboration with:
GITAM University,
GITAM School of Technology, Hyderabad

IBM India Private Limited

Geethanjali College of Engineering & Technology
Sy. No. 33 & 34, Cheeryal Village, Keesara Mandal

RLr

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Geethanjali College of Engg. Tech.
Cheeryal (V), Keesara (M), R.R. Dist. (A.P.) - 501 301

# MEMORANDUM OF UNDERSTANDING

**BETWEEN**

KGR Industries Ltd.

## KGR Induction drill Pipes Company

**( An ISO 9001:2008 Certified company )**
**Plot no. 4, CF Area,**
**Phase II, IDA Cherlapally, Hyderabad,**
**Telangana State, India-500051**

**AND**

Geethanjali
College of Engineering and Technology
...Striving Towards Perfection
Approved by AICTE and Permanently Affiliated to JNTUH
ISO 9000:2008 Certified

## Geethanjali College of Engineering and Technology

**Sy.No. 33 & 34, Keesara (M),**
**Yadgarpally X Road,**
**Cheryaal, Secunderabad,**
**Telangana 501301**

PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

# MEMORANDUM OF UNDERSTANDING
# [M o U]

This Memorandum of Understanding [M o U] is executed on the 27th day of January 2017 at Hyderabad, Telangana

**BETWEEN**

KGR Induction drill Pipes Company ( An ISO 9001:2008 Certified company ) located at Plot no. 4, CF Area, Phase II, IDA Cherlapally, Hyderabad, Telangana State, India-500051 represented through its Managing Director, which expression shall unless repugnant to the context of meaning therefore include its successors and permitted assignees of the **FIRST PARTY**.

**AND**

**Geethanjali College of Engineering and Technology**, Sy.No.33 & 34, Keesara (M), Yadgarpally X Road,Cheryaal, Secunderabad, Telangana 501301.which expression shall include its successors in the office and permitted assignees of the **SECOND PARTY**.

**Recitals**

1. Geethanjali college of Engineering and Technology, Cheryaal, Secunderabad, (TS) is an institute to provide the education in area of Engineering, Technology, Sciences and Management.

2. KGR Induction drill Pipes Company is in the business of manufacturing of drill pipes.

3. The purpose of M o U is with reference exploring the areas of cooperation, benefiting both the Institute and the Industry.

**Areas of Cooperation**

1. To impart training to the students, staff and faculty of the Institute by the Industry.

2. To facilitate regular interaction between the faculty and student of the Institute and the workforce of the Industry.

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3. Industry to provide regular active input in curriculum revision of the courses run by the Institute.

4. The Institute and the Industry shall explore the possibilities of mutual support in their learning, hiring and research requirements based on mutual convenience.

5. Confidentiality: Each party shall maintain complete confidentiality of any information of the other, disclosed during the term of this M o U.

6. In no event shall either party be liable for any indirect, incidental, special, consequential damages, including, but not limited to, loss of profits, revenue, data or use, incurred by the other party in connection with, arising out of or under this M o U, save for any such loss suffered resulting from any wilful and grossly negligent act or omission of either of the parties.

7. Neither this M o U, nor any activities described herein, shall be construed as creating a partnership, joint venture, agency or other such relationship. Both parties agree that this M o U represents a nonexclusive relationship between the parties and nothing contained herein shall preclude either party from participating / initiating similar relationship with third parties.

8. This M o U may not be amended without the prior written consent of both the parties.

9. This M o U will be effective for three years from 27th January 2017. This agreement can be renewed based on mutual convenience.

10. Termination: Either party can cancel or terminate this agreement unilaterally (and without reason), by giving an advance written notice of one month to the other.

11. Indemnity: Each of the parties shall defend, Indemnify and hold the other party harmless from and against any claim, liability, loss, costs or expenses (including reasonable attorney's fees) arising out of or resulting from the material breach of the provisions herein.

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In consideration of the mutual covenants contained herein above and the terms and conditions of this M o U and in witness whereof both the parties have hereinto set their hand/seal:

**For and on behalf of First Party [KGR Industries]**

**K. Givind Reddy**
**Managing Director**
**KGR Induction drill Pipes Company** ( An ISO 9001:2008 Certified company )
CF Area, Plot no. 4,
Phase II, IDA Cherlapally,
Hyderabad, Telangana State, India-500051

**Name of the witness with affiliation - First Party**

For KGR INDUCTION DRILL PIPES COMPANY
Authorized Signature

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Geethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

**For and on behalf of Second Party [Geethanjali College of Engineering and Technology]**

**Dr. Prof. Udaya Kumar Susarla**
**Principal**
PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

Geethanjali College of Engineering and Technology
Sy.No. 33 & 34, Keesara (M),
Yadgarpally X Road,
Cheryaal, Secunderabad,
Telangana 501301

**Name of the witness with affiliation - Second Party**

HEAD
Department of Mechanical Engineering
Geethanjali College of Engineering and Technology
Cheeryal (V), Keesara (M), R.R. Dist. (A.P.) - 501 301

# MEMORANDUM OF UNDERSTANDING

Ref: GCETBEES – Hyderabad

## BETWEEN

Geethanjali
College Engineering and Technology
*……striving towards Perfection*

Accredited by NBA, Newdelhi
Approved by AICTE and Permanently Affiliated to JNTUH
ISO 9000 : 2008 Certified

## AND

**BIO ELECTRICAL AND ENERGY SYSTEMS**
an SSI Registered Company,
Registered Office Plot No. 76, West Prashanth Nagar,
Amberpet/ Malakpet, Hyderabad-500036

## Geethanjali College of Engineering and Technology
## Accredited by NBA New Delhi

Sy. No. 33 & 34, Cheeryal (V), Keesara (M), R. R. Dist., 501301,
Telangana, India



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Geethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

This Memorandum of Understanding [MoU] is executed on the 06th of February 2015 (effective date) at Cheeryal (V), Keesara (M), R. R. Dist., Telangana.

**BETWEEN**

**Geethanjali College of Engineering and Technology,** Sy. No. 33 & 34, Cheeryal (V), Keesara (M), Pin:501301 Telangana, represented through its Secretary, which expression shall unless repugnant to the context of meaning therefore include its successors and permitted assignees of the **FIRST PARTY.**

**AND**

**BIO ELECTRICAL AND ENERGY SYSTEMS** an SSI Registered Company, having Registered Office located at Plot No. 76, West Prashanth Nagar, Amberpet/ Malakpet, Hyderabad-500036, represented through its CEO Which expression shall include its successors in the office and permitted assignees of the **SECOND PARTY**.

**Whereas, First party** is having one of its objective as to promote Industry Institute Interaction through various currently running real time projects by way of coordination with Industries, National labs and other premier Institutions. In the Process the Institute will be well prepared to meet with the market demands, readily employable skills with state of art Technologies.

**AND**

**Whereas, Second Party** has the capabilities and expertise in devising methods, developing systems and providing solutions particularly in Health & Energy sectors, having currently working on couple of projects such as 'Fuel Enrichment Techniques using pulse Technology and Micro Controllers' and Swasth Bharath, an IT Project on integrating Health systems for community outreach, involving premier Institutions and national labs like IIT Bombay and CSIR- IICT Hyderabad.

**AND**

**Whereas the First & Second party** desire to collaborate sharing the strengths and expertise towards practical implementation of Community interest projects, networking with people , national labs and other premier Institutions.



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Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

- Shall encourage and motivate their faculty members to become resource pers for this engagement & this MoU related opportunities.

- Shall constitute a 'Joint Steering Committee to track the progress of the Proje through quarterly meetings particularly Swasth Bharath IT project in Hea Sector and Fuel Enrichment Techniques project in Energy sector.

**In addition:**

- This MoU will be effective when signed by both the parties and shall remain va for a two years term from the effective date (as stated above) which may extended, from time to time, with mutual consent. The MoU may amended/extended, at any time, with the mutual written consent of both parties.

- The MoU may be terminated at any time during the period of its validity throug mutual consent after sixty days Notice from either side in this regard.

- No amendment or change hereof or addition hereto shall be effective or binding or either of the parties hereto unless set in writing and executed by the respective duly authorized representatives of each of the parties hereto.

- The obligations of First Party and Second Party have been outlined in the MoU. However, during the operation of MoU circumstances may arise which may call for alterations or modifications of this agreement. These alterations will be mutually discussed and agreed upon in writing.

- If any dispute or difference of any kind whatsoever may arise out of the implementation of this MoU between the parties in connection with or arising out of this agreement or out of the breach, termination or invalidity of the agreement hereof, the First Party and Second Party shall attempt for a period of 30 days, after receipt of Notice by the other party, of the existence of a dispute and to settle such dispute in the first instance by mutual discussions between the parties.



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- The parties to this MoU undertake to treat as CONFIDENTIAL AND PRIVELEGED, information of the other party and any other information related to the programs and opportunities under this MoU, which is so classified as confidential in advance. The terms of confidentiality and mode of disclosure shall be as per mutually acceptable terms.

- This MoU shall require the ratification of the competent executive body of both the parties.

- The Intellectual Property Rights (IPR) of all the material (training, requirements etc.,) shall vest with the original owners with due acknowledgement of the efforts of the contributors and the source form where some of the material is referenced.

In consideration of the mutual covenants contained herein above and the terms and conditions of this MoU and in witness whereof both the parties have herein set their hand/seal:

**For and on behalf of First Party [Geethanjali College of Engineering and Technology]**

**For and on behalf of Second Party [Bio Electrical and Energy Systems]**

**Mr. G. R . Ravinder Reddy**
**Secretary**
Geethanjali College of Engineering and Technology
Sy. No. 33 & 34, Cheeryal (V),
Keesara (M), R. R. Dist., - 501 301
Telangana

**Mr. L. Srinivasa Murthy**
**CEO**
Bio Electrical and Energy Systems an Reg. Office Plot No. 76, West Prashanth Nagar, Amberpet/ Malakpet, Hyderabad-500 036.

**Name of the witness with affiliation – First party**

**Name of the witness with affiliation – Second Party**

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Geethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

Geethanjali

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Fax : +91-40-24220320
E-Mail : uksusarla@gmail.com
Website : www.geethanjaliinstitutions.com

# Geethanjali College of Engineering and Technology

(Accredited by NBA, Approved by AICTE, New Delhi and Affiliated to JNTU, Hyderabad)
Sy.No. 33 & 34, Cheeryal (V), Keesara (M), Ranga Reddy District. - 501 301.

**Prof. (Dr) S. UDAYA KUMAR**
B.E., M.E., M. Tech (Hons.) (New Zealand), Ph.D.
PRINCIPAL

Ref: GCET/ BEES/CSIR-IICT

Dt. 06-02-2015

To
Dr. Satyanarayana N.V.
Chief Scientist
CSIR- Indian Institute of Chemical Technology
(Council of Scientific and Industrial Research)
Ministry of Science & Technology, Government of India
Tarnaka, Hyderabad - 500 007, Telangana. India.

Dear Sir,

Sub:- Invitation for member as "Joint Steering Committee" – reg.

Upon our MoU with Bioelectrical and Energy Systems, SSI registered company, Hyderabad, Telangana and further to our discussions in our board it has been decided to constitute a Joint Steering Committee having minimum five members to continuously track and advise on progress of the projects initiated particularly in Health and Energy sectors. Having known your expertise and experience in coordinating the scientific & technology intensive projects, we are hereby inviting you to join our "Joint Steering Committee" and provide necessary guidance through quarterly meetings.

Thanking you

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Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

# IoT Center of Excellence in Association with Red Pine Signals Pvt Ltd.

MEMORANDUM OF UNDERSTANDING

BETWEEN

REDPINE SIGNALS, HYDERABAD, INDIA

AND

GEETHANJALI COLLEGE OF ENGINEERING AND TECHNOLOGY

PRINCIPAL
Geethanjali College of Engg. Tech.
Cheeryal (V), Keesara (M), R.R. Dist. (A.P.) - 501 301

**MEMORANDUM OF UNDERSTANDING**

**BETWEEN**

**Redpine Signals, Hyderabad, India**

**AND**

**Geethanjali College of Engineering and Technology, Hyderabad**

**ON March 04, 2017**

**Redpine Signals, Hyderabad, India** (hereinafter referred to as "First Party"), Headquartered in San Jose, California, Redpine Signals, Inc., is a fabless semiconductor, M2M devices and wireless system solutions company focusing on innovative, ultra-low power and high-performance products for next-generation wireless applications. Redpine was founded in 2001 and was the first in the industry to launch an ultra low power and low-cost single-stream 802.11n chipset in late 2007. Again, in 2009 Redpine pioneered the adoption of self-contained 802.11abgn modules into the then emerging M2M market. In 2013, Redpine introduced the world's first multiprotocol wireless chipset for the Internet of Things market – featuring Wi-Fi, dual-mode BT 4.0, and ZigBee. Redpine has created multiple products based on this chipset including n-Link (hosted), Connect-io-n (embedded) and WiSeConnect (advanced embedded) modules. Redpine offers technology and products covering multiple market segments in the IoT (industrial, medical, automotive, connected home, smart energy, building automation and real-time locationing), mobile and networking markets. Redpine's technology and product portfolio includes chipsets, modules and devices.

**Geethanjali College of Engineering and Technology**,(hereinafter referred to as "Second Party"), located at Sy.No.33 & 34, Keesara(M), Yadgarpally X Road, Cheeryal, Hyderabad, Telangana-501301, having established in 2005, is a NBA Accredited and an Autonomous Institution. The Institution is approved by AICTE and permanently affiliated to JNTUH. The Institution offers B.Tech., M.Tech., MBA and Pharma courses. The Institution is equipped and geared up to take on the responsibility of providing exceptional quality education and to bring out creativity in students that would promote innovation, research and entrepreneurship. The Institute's mission is to collaborate and contribute to advancement of engineering and technology that would help meet social needs.



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**WHEREAS**

The parties agree to extend cooperation in furthering industry-academia collaborative activities for mutual benefit, the first party having expertise in developing solutions and carrying out research in the Internet of Things, would like to offer its WyzBee IoT platform, a unique product integrating hardware, cloud services, and other software, that enables easy creation of complete IoT applications to second party. In the future, this cooperation may be in multiple areas that may be defined and jointly agreed upon by the two parties.

**THE PARTIES HAVE REACHED AN UNDERSTANDING AS FOLLOWS:**

This Memorandum of Understanding will not give rise to any financial obligation for either party. This Memorandum of Understanding will come into effect on the date of signing and will remain in effect till either of the parties would like to come out of the understanding with prior notice to the other party.

**Responsibilities of the first Party (Redpine):**

- To provide Redpine's WyzBee IoT platform, including boards, software, and documentation, to second party at special rates, comparatively less than market rates.
- To provide training for chosen faculty of second party through a hands-on workshop.
- To provide a platform for support of students of second party during project execution.
- To offer lectures and technical discussions aimed at keeping faculty apprised of advances in this area, as identified by Redpine through market research and interaction with customers worldwide
- To review or suggest areas of focus, identification of projects, etc.
- To provide Certificates of Completion upon successful execution of lab exercises and a project
- Optionally, to provide outline course contents for a one or two semester course on IoT and related technologies



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**Responsibilities of the second Party (Geethanjali College of Engineering and Technology):**

- To create a laboratory for IoT, equipping it with a minimum of 20 WyzBee boards procured from Redpine through its local sales channel
- To equip the lab with other essentials such as PCs, power supply, internet access via Wi-Fi, etc.
- To organize and execute training courses and sessions based on the designated IoT Platform, including pre-requisites.
- To assign faculty and staff to take up the assigned activity.
- To support students taking up of projects based on the platform.
- To purchase and equip laboratories with additional platforms and peripherals in accordance with the institution's policies, sufficiently.
- To support the defined courses and lab work.
- To identify applications and research areas based on studies carried out, and the insight of, faculty and students.
- To prepare to offer real world solutions to problems in areas identified as thrust areas by government of India and Government of Telangana policy.

**Signed by**
for and on behalf of the
**Redpine Signals Inc. Hyderabad**
**Mr. N. Venkatesh**
Senior Vice President
Advance Technologies
M/s. Redpine Signals

**In the Presence of**
**Mr Narasimha Chary**
**Product Manager**
**Redpine Signals**
**Hyderabad**

**Signed by**
for and on behalf of the
**Geethanjali College of Engineering and Technology, Hyderabad**
**Mr. G. R. Ravinder Reddy**
**Chairman, Geethanjali College of Engineering and Technology**

**In the Presence of**
**Dr Udaya Kumar Susarla** 9/4/18
**Principal, Geethanjali College of Engineering and Technology**
**Hyderabad**



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