

Certificate of Institutional Membership

This is to Certify that

**GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING & TECHNOLOGY
HYDERABAD**

*has been enrolled as an Institutional Member in the
National Cyber Safety and Security Standards
and is entitled to all the benefits and privileges pertaining thereof.*



राष्ट्रीय साइबर सुरक्षा और सुरक्षा मानकों
National Cyber Safety and
Security Standards

Membership No: NCSSINST0110017

www.ncdrc.res.in

Valid Till: 16th Dec, 2020

MEMORANDUM OF UNDERSTANDING

BETWEEN



CENTRE OF EXCELLENCE FOR HIGH PERFORMANCE COMPUTING

LAB, DEPARTMENT OF CSE, GRIET [COE-HPCL]

AND

N.P.DESAI(Director) [SMEA Analytics Pvt Ltd(SMEA)]

Therefore, A
ascertain

This memorandum of understanding is made and entered into on 20th Day of August, 2019 at Hyderabad.

BETWEEN

GokarajuRangaraju Institute of Engineering and Technology (GRIET) through the Centre of Excellence for High Performance Computing Lab (Here in after called COE-HPCL of CSE department: "Executing Agency"), a Centre set up in GRIET, having its office in Bachupally, Hyderabad-500 090, Telangana, represented by the Director, Dr.Jandhyala N. Murthy, which expression shall, unless repugnant to the context or meaning thereof, mean and include its assignees of the FIRST PART.

AND

Mr.N.P.Desai(Director), S/o P.M. Desai having residential address at #2C, Chandra Residency, Opp: Ashoka Garden, Gate II, Old Bowenpally, Secunderabad- 500 011, Telangana representing Organization '**SMEA Analytics Private Limited(SMEA)**', which expression shall, unless repugnant to the context or meaning thereof, mean and include his successors and assignees; of the SECOND PART.

WHEREAS:

Centre of Excellence for High Performance Computing Lab (COE-HPCL), is an approved Centre established in Department of CSE of GRIET to focus on collaborative research and application methodologies in the fields of Deep Learning and Artificial Intelligence.

SMEA Analytics Pvt Ltd (SMEA) is a Organization, dedicated to the Analyzing the balance sheet and profit & loss statements in the MSME/Small Business sector. SMEA is the brain child of Mr.N.P.Desai, a veteran in MSME Sector with over four decades of entrepreneurial experience.

SMEA Analytic given economic & social significance is currently working towards improving the underperformance of small business/MSME. It recognizes, The need of the hour is to develop structured research and modern approach towards the under-performance of MSME/small business, to support the envisaged impact on economy and jobs and NPA of banks. SMEA is proposing to institutionalize the aforementioned underperformance of the MSME/Small business sector (hereinafter called the project) and is soliciting the support of COE to be a technology partner, to play a constructive and catalytic role in it.



2 N. P. Desai

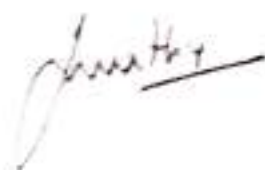
Therefore, both the parties to this MoU have had preliminary discussions in this matter and have ascertained areas of broad consensus expressly incorporating the foregoing recitals which are listed as follows:


SCOPE OF THE PROJECT:

1. The parties to the MoU led by the 'Executing Agency' shall work towards the execution of the project in accordance with their roles and responsibilities defined under this MoU.
2. A 'Monitoring Committee' comprising of one representative from each of the parties to the MoU shall be constituted and shall perform the task as defined under this MoU.
3. The primary focus of the project shall be:
 - a) Research-backed comprehensive understanding and summarization of issues leading to underperformance in MSME/small business.
 - b) Designing and developing technology for analyzing the balance sheet and profit & loss statement of any MSME/small business by inputs given by MSME/small business in the required format.

The technology, envisaged by SMEA is part of developing the software tool to give various & financial ratios and graphs as shown in the preliminary discussion.

- i) Storage ecosystem to store the generated data.
- ii) Develop a necessary internal system based on the inputs given by SMEA (using suitable AI/ML algorithms) to give analytical interpretation to the units (MSME or SB) financial ratio.
- iii) Use various data science data analytics for developing a holistic interpretation of many MSME/SBs arrive at various graphical or analytical pictures.
- iv) Develop various predictive analytical tools connecting macro & micro-economic inputs either for the particular unit/sector.
- v) The scope of the project can be further extended based on mutually agreed objectives and goals.



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4. The above discussed scope of the project shall be executed broadly in three parts

PART	Activity Performed	Expected Outcome
PART A	Developing software tool, particularly done by SMEA to full develop which can be scaled to handle bulk of balance sheets and P&L.	The individual analyzed balance sheet and P&L will be useful for self-analysis of underperformed units.
PART B	Testing the models through pilot projects and making the requisite fine tuning adjustments to the proposed model to ensure successful implementation.	Collect Data on the success models proposed and facilitate deployment on a pan-Indian scale with suitable localizations and customizations.

5. A detailed work plan for each PART shall be prepared by the Executing Agency and shall be submitted to the Monitoring Committee before commencement of work on that part.

6. The Executing Agency shall hire or appoint its own personnel and external resources for performing the assignment and will keep the Monitoring Committee informed of the current and updated list of such personnel.

7. Any payments, including consultancy charges and honorarium, to be made to the permanent staff, faculty or other personnel engaged in performing the assignment will be made by the Executing Agency only on the basis of prior approval from the Monitoring Committee.

8. **The estimated budget for the project is Rs.2 Lakhs.**

ROLES OF EACH OF THE PARTY TO MOU

Mr. N. P. Desai(Direcor)(Through SMEA),being the originator of the initiative ,shall be primarily responsible for identifying and roping in sponsors for project and also for liaising with domestic and international investors, philanthropists and generate traction for the project. He shall also provide access to information of/from MSME/Small Business units required for undertaking research.



COE-HPCL shall be the 'Research and Support Partner' to this initiative. COE-HPCL will undertake technology to development as required and summarizing them into a report form. Based on the research findings, it will take a lead role in designing and developing a sustainable eco-system model for the Revival and Rehabilitation of sick MSME units and gather empirical and statistical evidence of its performance.

ROLE OF MONITORING COMMITTEE

The Monitoring Committee comprising of one Representative from each of the parties to the MoU shall be constituted upon signing of this agreement. The Monitoring Committee shall perform the following tasks.

- Reviewing the detailed work plan submitted by the Executing Agency suggesting amendments, if any, and approving the work plan.
- The Monitoring Committee represented by all its members, shall be authorized to enter into any agreements with sponsors, external resources, Government Agencies and any external parties at a later date.
- The members of the Monitoring Committee shall meet once every month during the course of the project to review the progress and take corrective action where ever necessary.
- Reviewing the schedule of payments prepared along with detailed work plan and approving the schedule of payments.
- Reviewing and approving all the payments to be made by the Executing Authority.
- Collecting and Scrutinizing the statement of accounts, statement of Fund Utilization, Receipts for the payment and other documents as may be required from the Executing Agency, adopting them and producing them for audit or scrutiny when required by a Competent Authority.
- Collect the reports prepared by the Executing Authority and adopt them. These reports may be submitted to appropriate Government Authorities, statutory board and/or RBI.



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RESPONSIBILITIES OF EACH PARTY

Mr. N P Desai [Director(SMEA)]

1. 'SMEA' shall be solely responsible for identifying and roping in the requisite sponsorships and grants for the successful execution of the project.
2. 'SMEA' shall either directly on its own or through sponsorship or grants from Corporate houses or philanthropists to support the financial requirements of the project.
3. 'SMEA' shall develop a list of MSME units in various sectors and solicit their support to be a part of case studies for the proposed research by designated research team from COE-HPCL, GRIET.
4. 'SMEA' shall co-ordinate between MSME units under Research and COE-HPCL to provide requisite support for gathering relevant information.
5. 'SMEA' shall actively participate and co-ordinate with other parties to the MoU in developing & executing the project.
6. 'SMEA' shall actively participate and co-ordinate with other parties to the MoU in execution and validation of the Model.
7. 'SMEA' will designate an employee who will be the In-charge of the liaising with other parties to the MoU and also support in internal administrative activities of the project.

COE-HPCL

1. COE-HPCL shall designate a faculty as 'Principal Technology officer' who shall be the primary coordinating authority for the project.
2. The Principal Technology officer shall identify the 'Co-Technology officer and segregate the various modules/segments of the project (multiple research projects designing the models and pilot execution etc.), assign teams, develop schedules and monitor the management of overall project.
3. The Principal Technology officer shall also be in charge of the liaising with the other Parties to the MoU and also support in internal administrative activities of the project.
4. Principal Technology officer shall constitute Research teamst to gather relevant information from MSME units identified by SMEA. The Research team shall conduct





- relevant analysis on the information gathered and shall provide summary findings in a report form.
5. The Principal Technology officer, through a consultative process, with other Parties to the MoU shall identify or select internal and external resource personnel whose services are required in designing and developing Revival and Rehabilitation Models, Pilot Level Implementation, Testing and Modifications, if any.

PAYMENT TERMS

Under this MoU, the Principal Investigator designated by the Executing Authority shall identify and segregate various modules/segments of the project culminating in achieving overall project objectives.

A detailed work plan and schedule of payments shall be prepared and presented by the Executing Agency for each part (PART A and PART B) of the project to the Monitoring Committee which shall duly verify and approve the proposed work plan and payment terms.

In the first year of Project Duration, amount of Rs.50000 shall be released by SMEA based on submission of work plan and pilot model with 60days of above Milestone.

SMEA is responsible for releasing balance amount in the second year of project duration after submitting the agreed deliverables.

Separate Account statements shall be maintained for this purpose.

OTHER CLAUSES

1. EFFECTIVE DATE

Both the parties agree that the MoU shall take effect from 25th August 2019 and shall continue to be in force till termination or till the project ends.

2. EXCLUSIVITY CLAUSE

The project shall be an exclusive joint undertaking of COF-HPCL, GRIET and SMEA.



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It is expressly agreed that none of the parties shall undertake this project separately outside of this MoU either individually or in collaboration with any other individual or institution.

3. TERMINATION

This MoU shall be valid and remain in force for a period of two years from the date of starting. It may be extended for a further period with mutual consent of the parties without further funding or if funds is required, has to be discuss at the end of 1st year. Both parties agree to perform their obligations in good faith and to the best of their ability in order to meet this timeline.

The MoU shall continue to be in force till the time where the parties to the MoU have not discharged their obligations pursuant to the terms mentioned herein.

However, this MoU stand terminated if specifically superseded by any agreement/MoU entered subsequent to the date of this MoU. This MoU may be terminated other than by mutual agreement and with a notice of two month due to occurrence of an Event of Default as mentioned in Clause 6.

4. CONFIDENTIALITY AND DATA

The parties must not disclose any proprietary or confidential information relating to the MSME units under study or the findings of the Assignment including any of the records/documents generated during the process of assignment, if any without the prior written consent of the Monitoring Committee.

The Final Report and all other materials collected and developed in connection with the assignment shall be the joint property of both the parties of this MoU. The intellectual property such generated will be property of SMEA.

5. EVENTS OF DEFAULT

The following events will constitute Events of Default:

- Failure to fulfill roles and responsibilities by the parties beyond reasonable period of time.
- Violation of Confidentiality Clause.

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6. THE UNDERSTANDING

This MoU supersedes any prior written or oral agreements between the parties in relation to the subject matter. Changes and amendments to this MoU shall have effect only if made in writing and signed by the parties

7. GOVERNING LAW, DISPUTE RESOLUTION and JURISDICTION

All disputes, differences and/or claims arising out of or touching upon this MoU shall be referred to arbitration in accordance with the provisions of the Arbitration and Conciliation Act 1996. For all legal proceedings not legally amenable to Arbitration, the Jurisdiction shall be the courts of the city of Hyderabad

IN WITNESS WHEREOF the parties hereto have set their hands in the presence of witnesses at Hyderabad on the day month and year first above the mentioned

Janeethy
DIRECTOR GRIFT
[FIRST PARTY]

N. S. Rao
[SECOND PARTY]

PRINCIPAL INVESTIGATOR

G. S. Raju G. S. Raju, Addl. Insp. 201915
20.10.2019

CO-PRINCIPAL INVESTIGATORS

S. Bhargava Kumar S. Bhargava Kumar, Addl. Insp. 201915

(Y. Krishna Bhargava Addl. Insp. - 201915)



XENONSTACK
A Stack Innovator

Training & Lab Consulting Agreement

Prepared for **[Training Program (AI / ML Lab)]**

Created by **[XenonStack]**

DIRECTOR
GOKARAJU RANGARAJU
Institute of Engineering and Technology
Bachupally, Kukatpally, Hyderabad-500 080.

[Signature Page Follows]

CONSULTING and SERVICE AGREEMENT

This Consulting and Service Agreement (the "Agreement") is made and entered into this **12th July 2018** by and between **XenonStack Pvt. Ltd.** (the "Consulting Company") with its principle place of business located at **Chandigarh IT Park and Gokaraju Rangaraju Institute of Engineering and Technology** with its principle place of business located at **Bachupally, Kukatpally, Hyderabad** (the "College") (hereinafter referred to individually as a "Party" and collectively as "the Parties").

WHEREAS, the XenonStack provides Consulting, Services and Solutions for DevOps, Cloud Big Data and Data science and Training labs for Enterprises, Colleges and universities

WHEREAS, the College desires to enroll the Training and Cloud Labs for **Big Data Analytics and Data Science for the students and faculty**

NOW, THEREFORE, the Parties hereby agree as follows:

1. Engagement and Services

(a) **Engagement.** The Company hereby engages the Consulting Company to provide and perform the services set forth in Exhibit A attached hereto (the "Services"), and the Consulting Company hereby accepts the engagement

(b) **Standard of Services.** All Services to be provided by Consulting Company shall be performed with promptness and diligence in a workmanlike manner and at a level of proficiency to be expected of a Consulting Company with the background and experience that Consulting Company has represented it has. The Company shall provide such access to its information, property and personnel as may be reasonably required in order to permit the Consulting Company to perform the Services.

(c) **Tools, Instruments and Equipment.** Consulting Company shall provide Consulting Company's own tools, instruments and equipment and place of performing the Services, unless otherwise agreed between the Parties.

2. Consultancy Period

(a) **Commencement.** This Agreement shall commence on the Effective Date and shall remain in effect until the completion of the Services or the earlier termination of this Agreement as provided in **Exhibit C**.

[Signature Page Follows]



(b) Termination.

Consulting Company shall serve as a Consulting Company to the Company for a period commencing on the date hereof and terminating on the earlier of (a) the date Consulting Company completes the provision of the Services to the Company under this Agreement, or (b) the date Consulting Company shall have been paid the maximum amount of consulting fees as provided in Exhibit B hereto.

Notwithstanding the above, either party may terminate this Agreement at any time upon 10 business days' written notice. In the event of such termination, Consulting Company shall be paid for any portion of the Services that have been performed prior to the termination.

3. Independent Contractor. Consulting Company's relationship with the Company will be that of an independent contractor and not that of an employee.

4. Method of Provision of Services. Consulting Company shall be solely responsible for determining the method, details and means of performing the Services. Consulting Company may, at Consulting Company's own expense, employ or engage the services of such employees, subcontractors, partners or agents, as Consulting Company deems necessary to perform the Services (collectively, the "Assistants"). The Assistants are not and shall not be employees of the Company, and Consulting Company shall be wholly responsible for the professional performance of the Services by the Assistants such that the results are satisfactory to the Company. Consulting Company shall expressly advise the Assistants of the terms of this Agreement and shall require each Assistant to execute and deliver to the Company a Confidential Information and Invention Assignment Agreement substantially in the form attached to this Agreement as Exhibit D hereto (the "Confidentiality Agreement").

5. No Authority to Bind Company. Consulting Company acknowledges and agrees that Consulting Company and its Assistants have no authority to enter into contracts that bind the Company or create obligations on the part of the Company without the prior written authorization of the Company.

6. No Benefits. Consulting Company acknowledges and agrees that Consulting Company and its Assistants shall not be eligible for any Company employee benefits and, to the extent Consulting Company otherwise would be eligible for any Company employee benefits but for the express terms of this Agreement, Consulting Company (on behalf of itself and its employees) hereby expressly declines to participate in such Company employee benefits.

7. Proprietary Information and Confidentiality Trainee is aware that in the course of her/his engagement with the Company and/or in connection therewith, Trainee may have access to, and be entrusted with, technical, proprietary, sales, legal, financial, and

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DIRECTOR

GOKARAJU RANGARAJU

Institute of Engineering and Technology

Bachupally, Kukatpally, Hyderabad-500 090.

other data and information with respect to the affairs and business of the Company, its affiliates, customers and suppliers, and including information received by the Company from any third party subject to obligations of confidentiality towards said third party, all of which data and information, whether documentary, written, oral or computer generated, shall be deemed to be, and referred to as "Proprietary Information", which, by way of illustration but not limitation, shall include trade and business secrets, processes, patents, improvements, ideas, inventions (whether reduced to practice or not), techniques, products, and technologies (actual or planned), financial statements, marketing plans, strategies, forecasts, customer and/or supplier lists and/or relations, research and development activities, formula, data, know-how, designs, discoveries, models, computer hardware and software and any and all documentation relating thereto, drawings, dealings and transactions, except for such information which, on the date of disclosure, is, or thereafter becomes, available in the public domain or is generally known in the industry through no fault on the part of the Trainee.

8. Confidential Information

(a) **Defined.** in this Agreement the term "Confidential Information" shall mean the Work Product and any and all information relating to the Company's business, including, but not limited to, research, developments, product plans, products, services, diagrams, formulae, processes, techniques, technology, firmware, software, know-how, designs, ideas, discoveries, inventions, improvements, copyrights, trademarks, trade secrets, customers, suppliers, markets, marketing, finances disclosed by Company either directly or indirectly in writing, orally or visually, to Consulting Company. Confidential Information does not include information which:

- (i) is in or comes into the public domain without breach of this Agreement by the Consulting Company,
- (ii) was in the possession of the Consulting Company prior to receipt from the Company and was not acquired by the Consulting Company from the Company under an obligation of confidentiality or non-use,
- (iii) is acquired by the Consulting Company from a third party not under an obligation of confidentiality or non-use to the Company, or
- (iv) is independently developed by the Consulting Company without use of any Confidential information of the Company.

(b) **Obligations of Non-Disclosure and Non-Use.** Unless otherwise agreed to in advance and in writing by the Company, Consulting Company will not, except as required by law or court order, use the Confidential Information for any purpose whatsoever other than the performance of the Services or disclose the Confidential Information to any third party.

Consulting Company may disclose the Confidential Information only to those of its employees who need to know such Information. In addition, prior to any disclosure of such Confidential Information to any such employee, such employee shall be made aware of the confidential nature of the Confidential Information and shall execute, or shall already be bound by, a non-disclosure agreement containing terms and conditions

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DIRECTOR
GOKARAJU RANGARAJU
Institute of Engineering and Technology
Bachupally, Kukatpally, Hyderabad-500 090.

consistent with the terms and conditions of this Agreement. In any event, Consulting Company shall be responsible for any breach of the terms and conditions of this Agreement by any of its employees. Consulting Company shall use the same degree of care to avoid disclosure of the Confidential Information as it employs with respect to its own Confidential Information of like importance, but not less than a reasonable degree of care.

(c) Return of Confidential Information. Upon the termination or expiration of this Agreement for any reason, or upon Company's earlier request, Consulting Company will deliver to Company all of Company's property or Confidential Information in tangible form that Consulting Company may have in its possession or control. The Consulting Company may retain one copy of the Confidential Information in its legal files.

9. Conflicts with this Agreement. Consulting Company represents and warrants that neither Consulting Company nor any of the Assistants is under any pre-existing obligation in conflict or in any way inconsistent with the provisions of this Agreement. Consulting Company represents and warrants that Consulting Company's performance of all the terms of this Agreement will not breach any agreement to keep in confidence proprietary information acquired by Consulting Company in confidence or in trust prior to commencement of this Agreement. Consulting Company warrants that Consulting Company has the right to disclose and/or use all ideas, processes, techniques and other information, if any, which Consulting Company has gained from third parties, and which Consulting Company discloses to the Company or uses in the course of performance of this Agreement, without liability to such third parties.



DIRECTOR
GOKARAJU RANGARAJU
Institute of Engineering and Technology
Bachupally, Kukatpally, Hyderabad-500 090.

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The parties have executed this Agreement as of the date first written above.

THE COMPANY NAME:

GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING AND TECHNOLOGY



DIRECTOR
GOKARAJU RANGARAJU

By: **Dr Jandhyala N Murthy**

Designation: -**Director, Gokaraju Rangaraju Institute of Engineering and Technology**

Address: -**Bachupally, Kukatpally, Hyderabad, Telangana State**

Email: -**nm.jandhyala@griet.ac.in**

Consulting Company Company Name:

By **NAVDEEP SINGH**

Designation:

Address:-

Email ID:- **navdaep@xenonstack.com**

[Signature Page Follows]

EXHIBIT A

DESCRIPTION OF CONSULTING SERVICES

The following members were participated in a meeting for "Machine Learning Training Program" as a part of Center of Excellence (AI and ML Lab) held on 04/07/2018 at Admin Block, GRIET from 10:45 am to 11:45 am.

1. Prof. P.S.Raju, Advisor, GRIET
2. Dr.Jandhya N Murthy, Director, GRIET
3. Dr.J.Praveen, Principal, GRIET
4. Dr.Ch.Mallikarjuna Rao, HOD, Dept of CSE, GRIET
5. Dr.Y.Vijayalatha, GRIET, HOD, Dept of CSE, GRIET
6. Dr.K.Buchi , Raju, GRIET, Professor, Dept of CSE, GRIET
7. Dr.N.V.Ganapathi raju, Professor, Dept of IT, GRIET
8. Dr.G.Karuna. GRIET, Professor, Dept of CSE, GRIET
9. Mr.Navdeep, CEO, Xenon Stack

Prior to the meeting Mr Navdeep conducted a demo class to 60 students & 8 faculty members and explained the importance of Data Science and Big Data Analytics, the wide range of opportunities in Machine Learning. The following issues were discussed in the meeting.

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DIRECTOR
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EXHIBIT B

Courses

- Initiating training classes on two courses as a part of AI & ML Lab.
 - a) **Data Science** (Machine Learning, Deep Learning using Apache Spark) in I semester of 2018-2019 (July – November).
 - b) **Big Data Analytics** (Hadoop, HBase, Hive, Pig, Flume, Scoop, Scala...) in II Semester of 2018-2019 (December – April).
- Every student will be trained with different profiles of Data Science and Big Data Environment. (Data Scientist, Big Data Test, Big Data Admin,)
- Commencement of Training classes for I semester is expected to be from 16th July 2018.



DIRECTOR
GOKARAJU RANGARAJU
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Bachupally, Kukatpally, Hyderabad-500 090.

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EXHIBIT C

Duration

- Total 100 hours per semester for each course. (25+40+35).
- For each course, two weeks i.e. 10-12 working days covering 25 hours for theory sessions in the presence of trainer at GRIET.
- Total two batches are planned for training and each batch consisting of 50 students.
- One batch is scheduled in Pre-Lunch session and another batch is in Post Lunch session.
- Two weeks for practical sessions with real time use cases covering 40 hours in the presence of trainer at GRIET.
- Remaining 35hours training is on remote based, flexible timings given to the individual users.
- After completion of the course, every participant will be assigned a real time project and should complete project either individual or along with group.
- Starting from 23-July-2018 onwards



DIRECTOR

GOKARAJU RANGARAJU

Institute of Engineering and Technology
Bachupally, Kutatpally, Hyderabad-500 080.

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EXHIBIT D

Vendor (XenonStack, Chandigarh)

- Vendor allocates 2 to 3 instructors/ trainers as needed from Xenonstack for training.
- Vendor is responsible for the trainers travel and stay at Hyderabad.
- Vendor shall issue a certificate to the participants after successful completion of course.
- Vendor shall explore possibility of recognized industrial certificate within domain.
- Vendor explores possibility of conducting Hackathon or prepare the students to take part in such events.



DIRECTOR
GOKARAJU RANGARAJU
Institute of Engineering and Technology
Bachupally, Kukatpally, Hyderabad-500 090.

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EXHIBIT E

Payment

- Pay Xenon Stack @ 4000 rupees per student for Data Science course and @5000 rupees per student for Big Data Analytics course.
- Payment shall be done in two equal installments, one is prior to starting of the course and another one at the end of each course.



DIRECTOR

GOKARAJU RANGARAJU

Institute of Engineering and Technology
Bachupally, Kukatpally, Hyderabad-500 090.

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Agreement between Gokaraju Rangaraju Institute of Engineering and Technology and Studenting Era to facilitate student services for registered students and academic faculty members.

This agreement is made & entered into on 19 March 2018 between Gokaraju Rangaraju Institute of Engineering and Technology, located at Bachupally, Kukatpally, Hyderabad and Studenting Era Private Limited, located at New Delhi & Noida (herein after referred to as "Studenting Era").

The agreement is being signed with Studenting Era as a ^{partner} to facilitate selected digital services (as per the agreed terms in the MOU signed between AICTE and Studenting Era (<https://www.aicte-india.org/education/collaborations>)) for registered students and academic faculty members of the Institution.

Studenting Era is an organization which provides a one stop service portal for students covering services like skill based training, personality assessments & counselling, digital library, international student cards, employability news & assistance, projects, entrepreneurship development, webinars and various student lifestyle services. The genesis of creating "Studenting Era" is to provide students with a one stop service portal. The mission of "Studenting Era" is to create an environment, which will enable students to get access to information, services and opportunities that will enable them to enhance their career goals and objectives. Studenting Era will continue to evolve with the most diverged services which are relevant & aspirational for students, thus parenting them to success. Studenting Era is based in New Delhi with a registered office FF-4 Hansraj Complex, Sector – 31, Noida – 201301. Studenting Era services can be availed from www.studentingera.com through a college specific tie up.

Context

With an objective to improve the skills, competencies and employability of students, AICTE has identified Studenting Era as a partner (refer <https://www.aicte-india.org/education/collaborations>). Studenting Era will offer free services to the registered students and academic faculty members.

As ^{part} of this agreement, both the ^{parties} here to agree to the following respectively:



Studenting Era

- Studenting Era will sponsor 100% of the Membership Fee to all registered students and faculty members of the said Institution at StudentingEraportal(www.studentingera.com).
- Studenting will feature the logo of the institution in the Studenting Era portal as Academic partner.
- Studenting Era will offer state of the art online trainings & services as per the table givenbelow:

Sl. No.	Type of services
1	Lifetime membership to www.studentingera.com
2	Online certificate program on "Quantitative Aptitude"
3	Online certificate program on "Big Data"
4	Online certificate program on "Ethical Hacking"
5	Online certificate program on "Programnting on C ++"
6	Online certificate program on "Python"
7	Online certificate program on "C Programming"
8	Online certificate program on "SQL"
9	Webinars on emerging Trends from Thought Leaders
10	Access to job updates and openings for freshers
11	Access to "The Hero Program"- notes sharing platform

College

- Will acknowledge Studenting Era as a Digital Student Services Partner in their public domains like website or any as deemed fit by the said institution.
- Will facilitate Studenting Era to enroll students and faculty members for the Life Term Studenting Era Membership.



Validity of the Agreement

- This MoU will be operational and valid for two years from the date of signing.
- Upon completion of two years, the MoU can be renewed with mutual consent of both the parties.
- Either party may terminate this agreement by providing notice of at least thirty days in advance in writing to the other party.
- If any dispute arises between both the parties on the operation and execution of the agreement, efforts shall be made to resolve the same amicably. The Courts in Delhi will have the jurisdiction in case of any major dispute.

In witness whereof, the ^{parties} hereto have caused this Memorandum of Understanding to be executed by their representatives in duplicate, each ^{party} retaining one (1) copy thereof respectively.

Accepted and Agreed:

For : Gokaraju Rangaraju Institute of Engineering and Technology

For : Studenting Era

Address :

Address : Sector - 31, Noida- 201201

Gokaraju Rangaraju Institute of Engineering & Technology
Nizampet Road, Bachupally, Kukatpally
Hyderabad- 500090, Telangana State,
India.




Name : Prof. P S Raju

Name : Raja Dasgupta

Title : Advisor, GRES

Title : CEO, Studenting Era

Date : 19 March 2018

Date : 19/03/18








PRINCIPAL
GOKARAJU RANGARAJU
Institute of Engineering and Technology
Bachupally, Kukatpally, Hyderabad - 500090

The Duggan Merchants Co-op. Bank Ltd.

THE DECCAN MERCHANT CO-OP BANK LTD.
HYDRA 02, 154/164-A, BHIMA SADAN
DR. AMBEDKAR ROAD, HYDRA (EAST)
HYDRABAD - 500 077

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SPECIAL
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MAHARASHTRA
FEB 09 2018

A-201, Supreme Business Park
Hiranandani Gardens,
Powai, Mumbai - 400 075
+91 22 61147588 | www.redhat.com

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**PARTNER ACCEPTANCE DOCUMENT
INDIA**

INDIA STAMP DUTY MAHARASHTRA

Parties	
Partner Information	Red Hat India Private Limited.
Company name: Gokaraju Rangaraju Institute of Engineering and Technology	Contact Name: Abhijeet Roy
Address: Nizampet Road, Bachupally, Kukatpally Hyderabad- 500090, Telangana State, India	Email: aroy@redhat.com
Contact name: Prof. P S Raju Email: psrajuser@gmail.com Telephone: 9848042315	Tel.no. +91 -22-61147588
	Fax: +91-22-61147599

Territory
India

This Partner Acceptance Document, upon execution, authorizes you to participate in one or more of the Red Hat Partner Programs marked below in the Territory indicated above and sets forth the terms of your participation. If no Territory is identified above, the Territory will default to the country of your address above. The "Agreement" is comprised of this Partner Acceptance Document(s), the Partner Terms and Conditions, each applicable Program Appendix and transaction document(s) (which may be referred to as "Order Forms") entered into pursuant to these terms (collectively, the "Agreement"). Additional Program Appendices may be added by executing additional Partner Acceptance Documents.

Applicable Program Appendices	Program(s)	Location of Program Terms
<i>(mark all that apply)</i>		
X	Red Hat Academy Program	Attached

Applicable Terms and Conditions (choose only one)	Partner Terms and Conditions
X	The Partner Terms and Conditions set forth in the attached Appendix 1 and, if not attached, then as set forth at www.redhat.com/licenses/partners/ .

Additional Terms

Please sign below and fax this Partner Acceptance Document to +91-22-61147588 or send a pdf file by e-mail to aroy@redhat.com. Also, please courier the original signed document to Abhijeet Roy. Each Party has executed this Partner Acceptance Document by its duly authorized representative and by its signature agrees to be bound by the terms of the Agreement.

Gokaraju Rangaraju Institute of Engineering and Technology

Signature: *[Signature]*

Printed Name: **P. S. RAJU**

Title: **Director**

Date: **1-3-2018**

Red Hat India Private Limited

Signature: *[Signature]*

Printed Name: **SOVIK BROMHA
DIRECTOR FINANCE**

Title: _____

Date: **8/3/18**



redhat
BID DESK APPROVED
December 2015



[Signature]
Initials/Date

1. **Background and Purpose.** This Program Appendix ("**Appendix**") establishes the terms and conditions under which Partner will participate in the Red Hat Academy Program ("**RHA**" or "**Program**") in the Territory. Under the Program, Red Hat provides Partner an internet deployed and managed Curriculum, Software, and Services and Partner provides the facilities and Teachers and delivers the Courses to Students as set forth in this Appendix. Capitalized terms not defined in this Appendix shall have the meaning given to them in the Partner Agreement between the parties, including the Partner Terms and Conditions.

2. **Definitions.**

"**Partner**" means a qualified university, academic institution, or entity with a workforce development program that acquires the Red Hat Academy Subscription for its own use to be provided to Partner's Students and without the right to directly or indirectly sell, resell, remarket, or, in whole or in part, otherwise distribute Red Hat Academy. Eligibility of a Partner is determined at Red Hat's sole and exclusive discretion.

"**Appendix Effective Date**" means the first date when both parties have fully accepted or signed the Partner Agreement including this Appendix.

"**Curriculum**" means the Courses, Course Materials, Manuals, and any and all instructional content, assessment, tests, and instructional materials included therein whether in print or electronic format, provided by Red Hat as part of the Red Hat Academy Program.

"**Course**" or "**Courses**" means the specific courses or units of study that may be taught under the RHA and as set forth in Exhibit A, Exhibit C and as otherwise offered by Red Hat under the Red Hat Academy Program.

"**Course Materials**" means any and all instructional and educational content provided directly or indirectly by Red Hat, including without limitation designs, course names and numbers, course materials, Manuals, methodologies, software, scripts, processes, instructional materials, slides, notes, lab exercises, assessment tools, quizzes, tests, answer keys, scripts, files, instructor guides and/or any other materials in any format, provided in connection with the Curriculum whether distributed in print, electronic, or video format, including, without limitation, Student Kits, Exams, Exam Kits, and Exam Authorizations.

"**Documentation**" means user manuals, training materials, software descriptions and specifications, brochures, technical manuals, license agreements, supporting materials and other printed information provided in connection with the Learning Services, in any format.

"**Exam**" means a Red Hat performance based certification exam.

"**Manuals**" means those manuals used by Red Hat instructors in instructing Technical Training courses. Manuals are different from the Course Materials and shall not be used in or brought into the Courses.

"**Program Subscription Fee**" means the annual subscription fee paid by Partner that provides Curriculum, Software and Services to the Partner and enables Partner to teach the Curriculum to Students as set forth herein or in separate mutually agreed order.

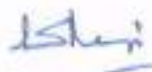
"**Services**" means Learning Services provided as part of the Program.

"**Student(s)**" is a person enrolled full or part-time in the Partner's school, institution of learning and admitted to a degree awarding program (e.g. diploma, or degree, program, or certificate program) and attends a Course as taught by a Teacher.

"**Student Fee**" shall mean the per Student per Course fee set forth in Exhibit A of this Appendix, if applicable.

"**Software**" means Red Hat Enterprise Linux, JBoss Enterprise Middleware and other software programs branded by Red Hat, its Affiliates and/or third parties including all modifications, additions or further enhancements delivered by Red Hat.

"**Teacher**" is a Partner employee or contractor who meets all qualifications determined by Red Hat who teaches and instructs Courses for the Partner.



Technical Training means the courses and certification exams offered publicly and commercially by Red Hat on an open enrollment or on-site basis, including the Manuals used by Red Hat instructors in instructing technical training courses and the Student Manuals included in the Course

3. License and Ownership

- 3.1 License Grant.** Upon Partner paying the applicable Fee(s), Red Hat grants Partner a non-exclusive, revocable, fully paid license, with no right to sublicense (including, but not limited to, sell), to use the Curriculum and Course Materials pursuant to the Agreement as follows: (a) distribution of Course Materials is limited to one (1) copy per Instructor and one (1) copy per Student; (b) Curriculum are provided solely for the use by Instructors and Students in the Course and such Curriculum may not be copied or transferred without the prior written consent of Red Hat; and (c) Curriculum must be taught sequentially and completed by Partner in no less than eight (8) weeks. The Curriculum shall not be used to teach or instruct to any person who is not officially enrolled as a Student and admitted to a degree, diploma, or certificate awarding program of Partner.

Notwithstanding the foregoing, all Curriculum is the sole property of Red Hat and its licensors, and are copyrighted by Red Hat unless otherwise indicated therein. Red Hat and its licensors will have sole ownership of any and all Curriculum including but not limited to methodologies, software, processes, or other intellectual property developed during the performance of the Services. Red Hat will provide Software for the use by the Partner and Students in the Course. Use of the Software is subject to the End User License Agreement set forth http://www.redhat.com/licenses/rhel_rha_eula.html. The Services may only be used by Partner. Partner is solely responsible for providing prerequisite skills, assessing its Students' suitability for use of the Curriculum, delivery of all instruction to Students, all grading and assessment of Students, and handling of all Student and Teacher information. Partner hereby agrees that Software used outside of the Program is covered under terms and conditions of the Enterprise Agreement including Appendix I, Subscription Services, set forth at www.redhat.com/licenses, which may be amended from time to time by Red Hat in its sole discretion.

- 3.2 Retained Rights.** No part of the Curriculum may be photocopied or duplicated by any means, whether photographic, or electronic, or mechanical, or sold or distributed in any other delivery format whether in print or electronic, or used as the basis for any other training product or service, without written permission from Red Hat. Partner's rights in the Curriculum are limited to those license rights expressly granted under this Appendix, and Red Hat retains all rights not expressly granted. Partner will not (a) modify the Curriculum in any manner; or (b) use the Curriculum for any purpose not specifically permitted by this Appendix. Red Hat and its licensors will own and retain all right, title, and interest in the Curriculum and all intellectual property rights inherent therein, including without limitation all changes and improvements requested or suggested by Partner, notwithstanding any use of terms such as "purchase", "sale", or the like within the Agreement. Partner represents and warrants that its use of the Curriculum will be to fulfill obligations under this Appendix. Any unauthorized use of the Curriculum will be deemed a material breach of the Agreement. Prior to providing Students with access to Curriculum, Partner will require each Student to sign or otherwise assent (in a binding manner) to the Enterprise Agreement with Appendix 2, Training, Training Units, and Consulting Units set forth at <http://www.redhat.com/licenses/>, which may be amended from time to time by Red Hat in its sole discretion. Partner's internal use of Courses or Exams is subject to the Enterprise Agreement with Appendix 2, Training, Training Units, and Consulting Units set forth at <http://www.redhat.com/licenses/>, which may be amended from time to time by Red Hat in its sole discretion.
- 3.3 Permitted Marks.** Partner may only use the logo(s) set forth in Exhibit B to the Program, based upon the Partner level in Exhibit A, in conjunction with the promotion of Partner providing Red Hat Academy Courses to Students. Partner may use Red Hat Distinguished Academy Logo set forth in Exhibit B if all Partner's Teachers are certified Red Hat Professionals for the Red Hat Software Courses they teach. All other Partners may use the Red Hat Academy Logo set forth in Exhibit B. Partner may not use this logo in general advertisements or marketing materials that do not specifically address or support the sale of Courses under the Program.
- 3.4 Copyright Notices.** Partner will ensure that all copies of the Curriculum in Partner's possession or control incorporate copyright and other proprietary notices in the same manner that Red Hat incorporates such notices in the Curriculum or in any manner reasonably requested by Red Hat. Partner will promptly notify Red Hat in writing upon its discovery of any unauthorized use of the Curriculum or infringement of the Curriculum or Red Hat's proprietary rights in the Curriculum.
- 3.5 Use of Red Hat Software.** Any use of Red Hat Software is subject to Red Hat's standard agreements including the Enterprise Agreement set forth at www.redhat.com/licenses, the applicable Red Hat End User Agreement(s) set forth at www.redhat.com/licenses/eulas and/or any other mutually signed written agreement with Red Hat as applicable.

4. Fees and Payment

- 4.1 General.** Any fees or charges ("Fees") will be due and payable by Partner in accordance with the Agreement. Partner may purchase from Red Hat directly, or through an Authorized Red Hat Reseller Partner. If Partner acquires Subscriptions, Courses and/or Services through a Red Hat Academy Program Reseller, the Fees for such Subscriptions, Courses and/or Services will be determined by such Reseller and may vary from the Red Hat Fees.



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4.2 **Direct.** If Partner purchases directly from Red Hat, Fees will be identified by Red Hat in an Order Form and are (a) due upon Red Hat's acceptance of an Order Form, and (b) payable in accordance with this section. All Fees are stated in United States Dollars. Partner must pay all Fees within thirty (30) days from the date of invoice, without regard for when, and whether, Partner collects payment from a Student. Fees do not include out-of-pocket expenses or shipping costs. Partner agrees to reimburse Red Hat for its reasonable expenses incurred in performing the Services including travel, lodging and non-routine supplies, in accordance with Red Hat's travel and expense policies. All Fees are non-refundable. Red Hat will invoice Partner upon Red Hat's receipt of a purchase order for any amounts due to Red Hat pursuant to this Agreement; provided, however, that the terms of such purchase order will not amend, supplement or modify the terms of this Agreement or be binding on Red Hat. Red Hat reserves the right to change the credit terms or terminate the Agreement if Red Hat has not received payment within five (5) days of when it is due. Renewal Fees will be the same price listed in the Order Form.

5. **Publicity.** Red Hat and Partner shall each have the right to identify Partner as a Red Hat Academy partner, provided, however, that for any press release, media alert, or other public communication, each party shall obtain the other party's review and written consent before publishing such information in any form.

6. Term, Termination and Mandatory Disclosure

6.1 **Term.** Unless otherwise specified in writing by the parties, the initial term of this Appendix shall be one (1) year (the "Initial Term"). Thereafter, the term for this Appendix shall renew for successive terms of one (1) year each (each, a "Renewal Term"), with each Renewal Term beginning on the anniversary of the Initial Term unless either party gives written notice to the other of its intention not to renew at least sixty (60) days prior to the commencement of the next term. As used herein, the Initial Term and each Renewal Term individually refer to a "Term" and collectively the "Appendix Term."

6.2 Termination.

6.2.1 **Termination for Breach.** Notwithstanding anything to the contrary Red Hat may terminate this Appendix as provided for under Section 13.2 of the Partner Terms and Conditions Appendix, or in the event (a) Partner fails to pay an invoice when due, (b) Partner commits a breach of this Agreement and fails to remedy that breach within 30 days of receipt of notice of breach, or (c) as otherwise provided in the Agreement. Partner may terminate the Appendix in the event Red Hat commits a material breach of the Appendix and fails to remedy such breach within 30 days of receipt of notice of material breach.

6.2.2 **Termination for Convenience.** Either Party may terminate this Appendix, without prejudice to any other right or remedy, for any reason upon sixty (60) days notice in writing to the other Party.

6.3 **Survival.** Upon expiration or termination, all rights and obligations of the Parties under this Appendix will terminate immediately except Section 3.2, 3.4, 4.2, Section 3 of Exhibit A, and Exhibit C will survive such termination or expiration. Termination of this Agreement shall not affect any agreements between Red Hat and any Students.

6.4 **Mandatory Disclosure.** For the avoidance of doubt, Partner may disclose the existence of this agreement and relevant terms, if it is required to do so by applicable law or regulation. Before disclosing the information, to the extent reasonably practical, Partner shall first notify Red Hat of the disclosure requirement (if it can provide notice without breaching any legal or regulatory requirement).



Signature



1. Red Hat Academy Subscription. Red Hat Academy Subscriptions contain the following:

- (a) Authorization and access to, and use of, the Curriculum in accordance with the terms set forth herein. The Program Fee includes Curriculum and Fees for the initial two hundred (200) Students. Additional Student Curriculum access may be purchased on a per Student basis;
- (b) Exams and exam delivery are not included in the Red Hat Academy Subscription and may be purchased separately; and
- (c) A list of standard Course offerings in the Red Hat Academy is available from Red Hat or a Red Hat Academy Reseller.

2. Partner Requirements:

- (a) Partner is solely responsible for providing pre-requisite skills, assessing Student's suitability for use of the Course(s) and Curriculum, appropriate use of any internet access, delivery of all instruction to Students, all grading and assessment of Students, and handling of all Student information.
- (b) Partner must notify Red Hat of the number of Students in each Course within one business day after the Course begins.
- (c) Partner will provide Students with access to Student software labs. Access to such labs may be purchased through a Red Hat Lab Partner, through a third party cloud hosting provider authorized to provide such software lab access, or may be provided by the Partner through its own resources.
- (d) Partner shall maintain at least one (1) Red Hat Certified Professional during the Appendix Term. Partner will notify Red Hat upon appointment or replacement of Red Hat Certified Professionals.

3. Red Hat Academy Subscription Fees. Partner shall pay the Program Fee, if applicable, annually, before the beginning of the Initial Term and each Renewal Term. Courses and additional services can be ordered by Partner from a Red Hat Academy Reseller. All Red Hat Services purchased during the Appendix Term must be used within each one (1) year Term in which it was purchased or such Red Hat Services shall be forfeited.

A handwritten signature in blue ink.

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- (a) Authorization and access to, and use of, the Curriculum in accordance with the terms set forth herein. The Program Fee includes Curriculum and Fees for the initial two hundred (200) Students. Additional Student Curriculum access may be purchased on a per Student basis;
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- (c) Partner will provide Students with access to Student software labs. Access to such labs may be purchased through a Red Hat Lab Partner, through a third party cloud hosting provider authorized to provide such software lab access, or may be provided by the Partner through its own resources.
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A handwritten signature in blue ink.

Red Hat Academy:

**RED HAT®
ACADEMY**

**RED HAT®
ACADEMY**

**RED HAT®
ACADEMY**

**RED HAT®
ACADEMY**



EXHIBIT C
RED HAT ACADEMY, COURSES, AND ADDITIONAL SERVICES**1. Red Hat Services**

SKU	Title	Description	Price	Term
RHA100	Red Hat Academy Standard Program	Access for 200 students to approved Red Hat Academy courses (e.g. RH124 + RH134, RH254, CL110, JB125, JB225)	\$0	1 year
RHA101	Red Hat Academy Standard Program: Add-on Student	Access for 1 student to approved Red Hat Academy courses (e.g. RH124 + RH134, RH254, CL110, JB125, JB225)	\$0	1 year

Note 1: All Red Hat Academy Program services purchased during the Appendix Term must be used within each one (1) year Term in which it was purchased or such services shall be forfeited.



MEMORANDUM OF UNDERSTANDING

for

Technical Collaboration for taking up joint Research, Development
and Operational Activities

between

**Gokaraju Rangaraju
Institute of Engineering and Technology (GRIET)
HYDERABAD**

and

**National Remote Sensing Centre (NRSC)
Indian Space Research Organization (ISRO)
Department of Space
HYDERABAD**

Signed on this day 22nd of February, 2018

J. Praveen

B. Gopala Krishna

Principal Gokaraju Rangaraju Institute of Engineering and Technology Survey No. 288 Nizampet- Bachupally Road, Bachupally, Kukatpally Hyderabad	Deputy Director DPPA & WAA National Remote Sensing Centre Indian Space Research Organization Department of Space Government of India Hyderabad
--	--



श्री. गोपाला कृष्णा
B. Gopala Krishna
उ. नि. (डीपीए एवं डब्ल्यूएए)
Dy. Director (DPPA & WAA)
एनआरएससी, हैदराबाद/NRSC, Hyderabad.



GOKARAJU RANGARAJU
INSTITUTE OF ENGINEERING AND TECHNOLOGY

HYDERABAD



NATIONAL REMOTE SENSING CENTER

INDIAN SPACE RESEARCH ORGANIZATION
DEPARTMENT OF SPACE

HYDERABAD

J. Bouyer

B. G. Wani

**National Remote Sensing Centre (NRSC)
Indian Space Research Organization (ISRO) Hyderabad**

MEMORANDUM OF UNDERSTANDING

I. PREAMBLE

This Memorandum of Understanding (MoU) is between *National Remote Sensing Centre (NRSC)*, ISRO and *Gokaraju Rangaraju Institute of Engineering and Technology (GRIET)*, with an aim to have partnership for taking up R&D and operational activities in the field of remote sensing applications, mobile apps, DSS using GIS modeling, satellite data processing, image classification, data analytics etc.

National Remote Sensing Centre has the prime responsibility of satellite data acquisition, processing, dissemination and developing applications in the field of remote sensing and GIS. NRSC has temporal coverage of various natural resources, the satellite data and wealth of services from these resources. NRSC has acquired large volumes of remote sensing data that may throw new light on how the Earth system works. This throws new challenges in processing, information extraction and mining of this Big data to uncover the hidden patterns on Earth processes. There is a strong need to develop scalable and efficient algorithms for knowledge extraction from these data sets. Specifically due to these reasons we look forward to collaborate in broader research and development areas in image processing, data mining, geospatial applications, software engineering and social media.

Gokaraju Rangaraju Institute of Engineering and Technology was established in 1997 in Bachupally. GRIET is a private unaided institution, affiliated to Jawaharlal Nehru Technological University Hyderabad (JNTUH) with recognition as an autonomous institution by UGC. GRIET is accredited by NAAC with A grade and accredited by NBA for all our UG BTech programmes and two PG MTech programmes. It is ranked by Ministry of Human Resources and Development through National Institutional Ranking Framework (NIRF). GRIET, with its state of art infrastructure and support services and qualified faculty, is one of the preferred institutions in the state with the mission "to achieve and impart quality education with an emphasis on practical skills and social relevance". GRIET constantly endeavors to bring in the best practices. The institute has a strong faculty base with a sizeable

J. B. Rao

B. G. Rao

number from the industry. GRIET focuses on domains like Deep Learning, Pattern Recognition, Digital Signal Processing, Digital Image Processing, Power Systems, Power Electronics and Water Resource Engineering. The institute has a strong Mathematics and Statistics faculty with research interests in curve and surface modeling. GRIET strives to collaborate with premier organizations to develop algorithms for applications identified. There is a research unit at GRIET in the Advanced Academic Center (AAC) that initiates first B.Tech. students to work on research ideas. The center has been motivating students to work beyond the curriculum. AAC provides a strong student presence in executing projects at the institute.

2. PARTIES

2.1 Indenting party:

Gokaraju Rangaraju Institute of Engineering and Technology, Survey No. 288, Nizampet-Bachupally Road, Bachupally, Kukatpally, Hyderabad, Telangana 500090, hereinafter called as GRIET.

2.2 Executing party:

National Remote Sensing Centre (NRSC), ISRO, Dept of Space, Govt. of India, Hyderabad, hereinafter called as NRSC.

3. AUTHORIZED SIGNATORY

Authorized signatory by Principal, Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad, India (Hereinafter referred to as the First Party)

And

National Remote Sensing Centre (NRSC), ISRO, Department of Space, Government of India, Hyderabad, represented by Deputy Director (DPPA & WAA) One part (Hereinafter referred to as the Second Party).

J. Boreddy

B. G. S. Murthy

4. FUNCTIONARIES AND CONTACT ADDRESSES, PHONE, EMAIL

4.1. Academic Institution:

S.No	Name	Contact Address	Phone / Fax	Email
1	Dr.Ramamurthy Suri	Department of Mathematics GRIET, Bachupally, Kukatpally, Hyderabad	9959065438	viceprincipalsoffice.griet@gmail.com
2	Dr V Aravind	Dept of ECE GRIET, Bachupally, Kukatpally, Hyderabad	9573708408	vainf066@gmail.com
3	V.Vijaya Kama Raju	Dept of EEE GRIET, Bachupally, Kukatpally, Hyderabad	9440821902	vijayram_v@yahoo.com

4.2. National Remote Sensing Centre (NRSC), Hyderabad

S.No	Name	Contact Address	Phone / Fax	Email
1	Dr. M. Naresh Kumar	DPPA&WAA	Tel :040-23884388	nareshkumar_m@nrsc.gov.in
2	K. Seshadri	RSA	040-23884191	seshadri_k@nrsc.gov.in

All correspondence on day to day matters during the course of the project shall be between respective focal points identified in the above table.

J. Praveen

B. G. ...

5. EFFECTIVE DATE

5.1. Commencement:

This effective date for the commencement of this MoU will be the date of signing of the MoU by NRSC and GRIET.

5.2. Duration:

This MoU is valid for a period of 5 years from the date of signing of MoU. If further extensions are required, it shall be by mutual consent of the parties in writing.

6. SCOPE OF THE WORK

In light of National Space Meet in New Delhi during September 2016, there is tremendous boost for geo-spatial technology applications in all ministries at Central and State level. NRSC, ISRO has taken up large number of projects in addition to its own programs. Hence, collaboration with academic institutions is envisaged to sustain R&D activities and fulfill operational commitments. The activities proposed to be taken-up under this agreement shall have a separate project proposal, wherever financial aspects are involved. Amount, payment conditions, etc. would be spelt out clearly before starting the activity.

7. METHODOLOGY

The technical specifications and methodology of the projects to be taken up will be addressed separately

8. DELIVERABLES AND GUIDELINES ON DATA / MAP SECURITY

8.1. Deliverables:

As per project specifications

J. Praveen

B. Ganesan

8.2. Data Security:

Data security as per prevailing Remote Sensing Data Policy would be adhered to. Necessary steps would be taken from both the parties to ensure the data security. In addition, Bhuvan platform would provide necessary infrastructure for ensuring the security of data.

8.3. Guidelines on Data / Map Security:

As per prevailing Remote sensing data policy and any other prevailing policies of Government of India relating to the data and maps.

8.4 Working Place:

As per the satellite data licensing and security guidelines, the project work will be executed predominantly at the campus of GRIET and at NRSC whenever necessary with prior arrangement.

9. TECHNICAL SPECIFICATIONS:

The required specifications will be given in Standard Operating Procedure of the Project proposal separately.

10. APPLICABLE DOCUMENTS

- A. Remote Sensing Data Policy
- B. Project specific Standard Operating Procedure
- C. Minutes of the meeting, 28th Feb 2017, DP Conference Hall, NRSC
- D. Proposals from GRIET, 17th August 2017 through email
- E. Minutes of the meeting, 03rd November 2017, Bhuvan conference room

11. RESPONSIBILITIES OF EACH PARTY

11.1. National Remote Sensing Centre (NRSC): NRSC will collaborate with GRIET for project specific requirements on case by case basis. This may include

- Execution of small modules of the ongoing projects of NRSC through B.Tech/M.Tech students

J. Praveen

B. Govinda Rao

- Organizing workshops and conferences together with the expertise of NRSC scientists related to the above mentioned research domains to train, educate and improve understanding of students and staff.
- Joint guidance of student projects/thesis in Water Resources Engineering, Digital Image Processing & IT based activities
- Collaboration in Research areas of interest to NRSC and GRIET on mutually agreeable terms
- NRSC shall allow technical visits of students as per existing policies to provide them with an exposure to various equipment, instruments, processes etc.
- NRSC shall provide technical knowhow in areas identified for collaborative research.
- NRSC shall allow sharing data for executing projects.

11.2. Gokaraju Rangaraju Institute of Engineering and Technology (GRIET)

Gokaraju Rangaraju Institute of Engineering and Technology (GRIET) takes the responsibility to fulfill the project needs and goals defined as per the specific projects taken up in collaboration with the National Remote Sensing Centre (NRSC). Within its capabilities, the institute will try to combine the expertise of different disciplines available in the institute in order to come up with outcomes in the research and development areas of interest to NRSC/ISRO. To a great extent, GRIET shall rely on its own resources in executing projects mutually identified by NRSC and GRIET. It shall rely on the expertise of NRSC in areas where GRIET finds itself short of resources in specific areas of study.

12. PROJECT SCHEDULE

As per specific project proposal

13. SCHEDULE OF INSTALLATION, SUPPLY AND ACCEPTANCE TEST

As per specific project proposal

14. CONSIDERATION / SCHEDULE OF PRICES

As per specific project proposal

15. FUNDING & TERMS AND CONDITIONS OF PAYMENT

J. Praveen

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Financial arrangements for each specific collaboration will be decided on a case-to-case basis and brought on record in each case after due approval from heads of both the Institutions.

16. TRAINING

Project specific training will be imparted to GRIET by NRSC if required.

17. WARRANTY

As agreed in the project by GRIET and NRSC.

18. PROJECT MONITORING

The collaborative program between NRSC and Gokaraju Rangaraju Institute of Engineering and Technology (GRIET) shall be coordinated by a coordination committee appointed by Directors / Authorized signatory of both the Institutes.

19. CONFIDENTIALITY

The confidentiality of the data / documents or any other materials shall be maintained by both the parties as per the sensitivity defined to it by any prevailing policies.

20. INTELLECTUAL PROPERTY RIGHTS

- The originals of any reports and documents or materials prepared or inventions or information produced as a result of the services and all intellectual property rights therein, unless otherwise specifically stated in the MoU, shall remain with both the parties and either party can commercially exploit the specific IP with permission from the other.
- NRSC and Gokaraju Rangaraju Institute of Engineering and Technology (GRIET) reciprocally guarantee that all technical information and data generated under this MoU shall be treated as confidential and shall not be divulged by either party without prior written consent of the other even after the expiry of this MoU.
- If the outcome of a project related to product development, process technology and design etc. which involves matter of secrecy and concern with security of the State and the Country, the same will not be allowed for publication / printing in any form such as Electronically / verbal, etc. If the outcome of a project results into an intellectual property, for which rights can be secured, it will be

J. Praveen

B. G. Srinivas

decided on case to case basis. Similarly, sharing of expenditure in securing such rights and income accrued through royalty etc. by the parties under the law will be decided on case to case basis after mutual consultation.

- Research supervisors from both the Institutes will be the corresponding authors in any publication resulting from the collaborative work. All the efforts put by the student(s) as a part of this MoU will be accounted for by way of reporting the work in thesis and / or paper publication except the part for which IPR needs be claimed.
- Neither of the supervisors shall publish the work carried out under this MoU without knowledge of the other.

21. CHANGE IN SCOPE OF WORK

Any change in scope of work would be with mutual consent of both the parties.

22. MODIFICATIONS

Any further modifications to this MOU, if required, would be through amendments with mutual consent in writing.

23. FORCE MAJEURE

Neither party shall be held responsible for non-fulfillment of their respective obligation under the agreement due to exigency of one or more of the unforeseen events such as but not limited to Acts of God, war, flood, earthquake, cyclones, strikes, lockouts, epidemics, riots, civil commotion etc. provided on the occurrence and cessation of such events, they effected thereby shall give notice in writing to other party within one month of such occurrence or cessation. If the force-majeure conditions continue beyond six months, the parties shall then mutually decide about the future course of action.

25. INDEMNITY

Partner Institute shall exercise reasonable skill, care and diligence in the performance of the agreement and indemnify and keep indemnified NRSC in respect of any loss, damage or claim howsoever arising out of or related to breach of contract, statutory duty or negligence by Partner Institute or its employees, agents or sub-contractors in relation to the performance or otherwise of the services to be provided under this agreement.

J. P. ...

B. ...

Partner Institute will indemnify and keep indemnified NRSC in respect of any loss, damage or claim whatsoever arising out of the use of data hosted by them through the Bhuvan Node server.

26. ARBITRATION

- (i) In the event of any dispute or difference between the parties herein, such disputes or differences shall be resolved amicably by mutual consultation. If such resolution is not possible, then unresolved dispute or differences shall be referred to arbitration of one of the arbitrators to be appointed by Director, NRSC, Hyderabad. The venue of such arbitration shall be at Hyderabad. The language of arbitration proceedings shall be English. The arbitrator shall make a reasoned award (the "Award") which shall be final and binding on the parties. The cost of the arbitration shall be shared equally by the parties to the MoU. However, expenses incurred by each party in connection with preparation, presentation should be borne by the parties itself.
- (ii) Pending the submission of and/or decision on a dispute, difference or claim or until the arbitral award is published; the Parties shall continue to perform all of their obligations under this Contract without prejudice to a final adjustment in accordance with such award.

27. JURISDICTION

Place where any dispute arising out by MoU or its terms shall be subject to Hyderabad only.

28. TERMINATION

During the tenure of the agreement, either Party may terminate and nullify this Agreement/MOU by providing prior written notice of 30 days to the other party for any of the reasons - Cause/convenience/Force Majeure

J. Prasad

B. Gopinath

28.1. Termination for Convenience: For convenience without assigning any reason

28.2. Termination for Cause: For the breach of obligations/responsibilities/conditions of this agreement by the other party, with an opportunity to cure/rectify such a situation within thirty (30) days to the defaulting party and no remedial action is taken to the satisfaction of the aggrieved party.

28.3. Termination for Force Majeure: in the event of "Force Majeure" as defined in this MOU.

28.4. Obligations upon Termination

Following termination or expiration of this Agreement, in addition to any other obligations existing hereunder or otherwise at law or in equity,

- (a) The rights and obligations of the parties thereto shall be settled by mutual discussion; the financial settlement if any shall take into consideration not only the expenditure incurred but also the expenditure committed by the parties hereto.
- (b) The agreement arrived at between the parties hereto for the utilization of the intellectual property (defined in clause #20) shall survive the termination of the agreement.
- (c) Termination shall not affect the projects/ assignments agreed to be undertaken by both the parties before such termination and both the parties should complete such projects/ assignments as if this MoU is in operation.
- (d) On termination, the Partner Institute shall handover the data and disk which were used for processing to the NRSC.

■ ■ ■ ■ ■ ■ ■ ■

J. Praveen

B. Ganga Mani

IN WITNESS WHEREOF, the Parties hereto have caused this MoU to be signed in their respective names on this 22nd day of February, 2018

J. Brown

B. Gopala Krishna

<p>Principal Gokaraju Rangaraju Institute of Engineering and Technology Survey No. 288 Nizampet-Bachupally Road Bachupally, Kukatpally Hyderabad</p>	<p>Deputy Director (DPPA&WAA) National Remote Sensing Centre Indian Space Research Organization Department of Space Government of India Hyderabad</p>
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(Seal)



बी. गोपाला कृष्णा
B. Gopala Krishna
उ. नि. (डीपीपीए एवं डीएनएए)
Dy. Director (DPPA & WAA)
एनएसआरसी, हैदराबाद/NRSC, Hyderabad.
(Seal)

Witness: [Signature]
Name: P. S. RAJU

Witness: [Signature]
Name: Dr. M. NARESH KUMAR

Address: GRIET, Hyderabad

Address: NRSC, Hyderabad

●●●●●●



Cisco Networking Academy®
Mind Wide Open™

Cisco Academy Membership Agreement

Welcome to the Cisco Networking Academy. This agreement governs your Academy's participation in the Cisco Networking Academy.

The Networking Academy Membership Guide for Cisco Academies ("NAMGCA") describes the benefits, roles and responsibilities of Cisco Systems, Inc. or its subsidiary responsible for distribution in the country in which you are located ("Cisco") and your Academy. The NAMGCA forms part of this agreement, and will be made available to your Academy by Cisco. Your Academy should review the NAMGCA carefully before agreeing to participate in the Cisco Networking Academy. By accepting this agreement your Academy agrees to comply with the NAMGCA. As the Cisco Networking Academy evolves, changes to the NAMGCA may be appropriate. Cisco will exercise reasonable efforts to provide advance notice to your Academy of any major changes to the NAMGCA.

Cisco provides all resources, course materials, services, websites or other deliverables "as is", without warranty of any kind (as far as Cisco is permitted to do so by law). Further details are set out in the NAMGCA.

The following provisions (a)-(c) govern your treatment of personal information of Academy and Cisco Networking Academy participants (i.e. employees, students, instructors, administrators, or any other of your Cisco Networking Academy participants) ("Cisco Networking Academy Participants") provided to or otherwise obtained by Cisco from your Academy in connection with the Cisco Networking Academy:

- (a) By entering into this agreement, your Academy will ensure that Cisco Networking Academy Participants have given their unambiguous consent, to the processing of their personal information by Cisco: (i) from within and outside of the European Economic Area and those countries deemed to have adequate data protection laws in connection with processing the personal information; and (ii) in accordance with Cisco Networking Academy Privacy Policy, as amended from time to time and located here.
- (b) Your Academy agrees to comply with: (i) applicable data protection laws and regulations, including your Academy's obligations as data controller under those laws and regulations; and (ii) Cisco's Networking Academy Privacy Policy located here.
- (c) To the maximum extent permitted by law, your Academy shall defend, indemnify and hold harmless Cisco and its officers, directors, employees, shareholders, customers, agents, successors and assigns from and against any and all loss, damages, liabilities, settlement, costs or expense (including legal expenses and the expenses of other professionals) as incurred, resulting from or arising out of your Academy's breach of applicable laws relating to the treatment of personal information including any claim for the unauthorized solicitation, collection, storage, forwarding, or use of personal information. As a condition to such defense and indemnification, Cisco will provide your Academy with prompt written notice of the claim and permit your Academy to control the defense, settlement, adjustment or compromise of any such claim. Cisco may employ counsel at its own expense to assist it with respect to any such claim; provided, however, that if such counsel is necessary because of a conflict of interest of either your Academy or your Academy's counsel or because your Academy does not assume control, your Academy will bear the expense of such counsel. Cisco shall have no authority to settle any claim on behalf of your Academy.

Your term of membership in the Cisco Networking Academy is three years (36 months), commencing on the date when Cisco executes this agreement. The term shall be automatically renewed for additional twelve (12) month terms unless (i) sixty (60) days prior to the end of the then-current term one party gives written notice to the other party of its election not to renew this agreement. Notwithstanding the foregoing, either Cisco or your Academy may terminate this agreement without any liability to the other party for any reason or for no reason by providing at least thirty (30) days' written notice to the other. Either party may refuse to extend or renew the three year- term for any reason or no reason.

By clicking "Accept", you represent that you are authorized to enter into this agreement (including the NAMGCA) on behalf of your Academy. On behalf of the Cisco Networking Academy global community, Welcome! By signing this agreement your Academy is taking an important step in bringing new opportunities and knowledge to your students, the future architects of the networked economy!

Cisco Networking Academy: Cisco Academy Membership Agreement / June 2014

institution-id: 3092343
Institution Legal Name: Gokaraju Rangaraju Institute of Engineering and Technology
city-name: Hyderabad
state-name: Telangana
Country/Region *: India
agreement-accepted-date: 2016-08-29
First Name: P S
Last Name: Raju
Email: psrajuster@gmail.com
Title: Director

Back

Membership Guide

26-Aug-2016

Welcome to **Oracle Support**

N.V GanapathiRaju
nvgraju@griet.ac.in
Gokaraju Rangaraju Institute of Engineering & Technology
485,vasanth Nagar Colony, Kukatpally Housing Board
Hyderabad
TELANGANA 500072

On behalf of Oracle Corporation, Oracle Support Services would like to thank you for your recent purchase of Oracle products and technical support services. Our support services team is ready and committed to assist you in protecting the investment you have made.

With your purchase, you now have access to Oracle's exclusive web support portal which provides you secure, real-time access to critical and timely information related to your investment in Oracle's technical support services. Please visit the Oracle Support website at <http://www.oracle.com/us/support/index.html> where you will find information about technical support service descriptions, technical support policies, technical support news and events, and internet seminars.

You can also access Oracle technical support services through one of the industry leading web-based customer support systems:

- **My Oracle Support**

To register for My Oracle Support, please use your **Customer Support Identifier ("CSI")** number below. If you are already a registered user, please add the CSI number(s) below to your existing My Oracle Support user profile. To access My Oracle Support, [click here](#).

- Review [My Oracle Support - How-to Training Videos](#) and quickly learn about key features of My Oracle Support in just a few minutes.
- Learn more about My Oracle Support features and capabilities by attending **My Oracle Support Essentials** sessions. To view the current schedule and to register [click here](#).

- **Support interfaces for recently Acquired Products**

Oracle is committed to ensuring that you receive specific product support as we transition recently acquired companies into Oracle's framework of technical support services and tools. To access the appropriate support portal for your product, please go to: <http://www.oracle.com/us/support/support-integration/index.html>

Technical Contact Information

As the technical contact for Gokaraju Rangaraju Institute of Engineering & Technology, you are the individual designated within your organization who may contact Oracle Support Services to resolve technical issues.

If your order with Oracle allows international deployment of programs to your subsidiaries or includes hardware that has been relocated outside the country of delivery, please communicate the relevant CSI in this email to persons in those countries who will be technical contacts with Oracle.

Technical Support Service and Products Details

Order Number: 38041483

Service Start Date	Service End Date	Service Level		
23-AUG-2016	23-AUG-2019	Software Update License & Support		
Product		CSI	Serial Number	Quantity
Oracle Academy: Institution Level License Bundle - Nonstandard User		20686140		1

Customer Support Identifier Information:

Your Customer Support Identifier number is 20686140

Note: Please call Oracle's local country [Support Hotline](#) if you are not the designated technical contact or if you have any additional questions.

Oracle provides a complete and fully integrated global technical support service portfolio supported by over 50,000 development engineers and customer support specialists ready and able to support you. We hope you will take advantage of our outstanding technical support services including 24/7 technical assistance, powerful proactive support resources, and product updates.

Welcome to Oracle and enjoy your access to Oracle Support Services.

Sincerely,
Oracle Support Services



भारतीय प्रौद्योगिकी संस्थान मुंबई
पवई, मुंबई - 400 076, भारत
Indian Institute of Technology Bombay
Powai, Mumbai - 400 076 India

दूरभाष/Phone : (+91-22) 2572 2545
फैक्स/Fax : (+91-22) 2572 3480
वेबसाइट/Website : www.iitb.ac.in

IIT Bombay

**AGREEMENT BETWEEN
GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING AND TECHNOLOGY
(GRIET), HYDERABAD, TELANGANA STATE
AND
SPOKEN TUTORIALS (ST), IIT BOMBAY**

We are happy to announce that Spoken Tutorial Project, IIT Bombay has decided to make Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad, Telangana State as a RESOURCE Center. The status is being conferred upon the Institution to offer the Spoken Tutorial based software training to all the students of its premises in a time bound manner (via time-table / curriculum presence), Institutional awareness activities and later spread awareness of the project in the state. ***The project is a part of the National Mission on Education through ICT, MHRD, Govt. of India, to spread IT Literacy all over India.*** We are offering an award winning MOOCS, the Audio-Video teaching tool, 'Spoken Tutorial', which is used to teach a variety of Software. These provide Software Skills with both employment focus and academic focus.

We are ready to support you in your efforts to train students on General Computer Skills, Programming and Scripting Software and specialised IT tools. The course and the training will be offered free of cost to all Institutions.

Specific activities will be -

IIT Bombay Side:-

- The Spoken Tutorial team at IIT Bombay will work with you / your Coordinators and arrange the mentioned training programme for all relevant courses offered in the College.
- We will publicise any event organised by the group related to this training on our website.
- The team will also support and guide all individuals at the Institution / Department level as they firstly introduce the training and then gradually expand it to all.
- The team will also provide brochures, leaflets, posters, etc where necessary, free of cost.

GRIET's Side:

- Identify and appoint a Chief Coordinator for the Institution who in-turn will identify and appoint Institutional and departmental Coordinators and update the periodical progress to the ST Team IIT Bombay, accordingly.
- Upload this signed SRC agreement letter on the Home Page (prominent space) of the Institution's website and mention therein, the project implementation related details.
- Motivate and guide all the departments to start the the training from this Academic year

(Signature)
Secretary

through Time-Tables / curriculum inclusions and continue thereon.

- For all computer Lab courses, the group should include the relevant Spoken Tutorial based Software and mention '**Spoken Tutorials as E-Resource for learning**', with site link in the Syllabus (as reference material) and in Time Table. The printed (attested) copy of the same should be shared with the Spoken Tutorial IIT Bombay team.
- The College will ensure that this exercise is started from the current semester (even sem of 2015-2016) and continue the procedure thereon for 2016-17 calendar year time-tables for all semesters, prior to semester start date.
- Explore the possibilities for Spoken Tutorials, based Software courses to be offered as stand alone/ add on courses to cover maximum departments' students where there is lesser relevance.
- Create and conduct Spoken Tutorial FOSS club activities and submit to us the periodical (monthly) report.
- The group will initiate the process of lab migration into Open Source, where-ever possible.
- Mention the name of the ST-IIT Bombay Telangana State Coordinator's contact details on the College website.
- Encourage / motivate other Colleges present in and around Hyderabad Educational region, thereafter in the rest of Telangana State.

Note:- This agreement is subject to change from time to time on mutual understanding.

If you are in acceptance with the above mentioned points, please sign and send us the scan at the earliest. We are here to support you with sustained interaction.

For and On behalf of the
**Gokaraju Rangaraju Institute of
Engineering and Technology, Hyderabad**

For and On behalf of
**Spoken Tutorials,
Indian Institute of Technology Bombay**

Signing Authority

Date: January 30, 2016

Place: Hyderabad

M. Kasim Khan
30/01/2016



**Mohamed Kasim Khan
Coordinator - Training
Spoken Tutorial Project, IIT Bombay**

Date: January 30, 2016

Place: Hyderabad

COLLABORATION AGREEMENT

This **COLLABORATION AGREEMENT**, together with its annexures ("Agreement") is made and executed at Hyderabad on this the 9th day of June 2014 ("Effective Date") between:

- (1) **Indian School of Business**, a not-for-profit company registered under Section 25 of the (Indian) Companies Act 1956, and having its registered office at Indian School of Business, Gachibowli, Hyderabad - 500032 represented herein by its authorized signatory, Deputy Dean, Mrs Savitha Mahajan (hereinafter referred to as the "ISB", which expression shall, unless it be repugnant to the context or meaning thereof be deemed to mean and include their successors and assigns) of the **First Part**;

AND

- (2) **Andhra Pradesh Society for Knowledge Networks**, a society registered under the (Indian) Societies Registration Act 1860, set up by the Department of Information & Communication (IT&C), Government of Andhra Pradesh, having its registered office at Uptown Cyberabad Building, Ayyappa Society, Madhapur, Hyderabad - 500081, represented herein by CEO, Amarnath Reddy Arimakuri (hereinafter referred to as "APSFKNW" which expression shall, unless it be repugnant to the context or meaning thereof be deemed to mean and include their successors and assigns) of the **Second Part**;

AND

- (3) **Gokaraju Rangaraju Institute of Engineering and Technology**, a self-financed, not-for-profit organization under the management of **Gokaraju Rangaraju Educational Society** incorporated under Section 2(f) and 12(B) from U.C.C as Autonomous in 2011 and having its registered office at N zarpet, Bachupally, Kukatpally, Hyderabad, Telangana, India - 500090, represented herein by its authorized representative Dr. Jandhyala N Murthy, Principal therein after referred to as "College" which expression shall unless it be repugnant to the context or meaning thereof be deemed to mean and include their successors and assigns) of the **Third Part**;

ISB, APSFKNW and College are hereinafter individually referred to as "Party", and collectively as "Parties".

WHEREAS

- (A) ISB is an educational institution that is engaged in imparting post-graduate and doctoral education in business management and conducting contemporary research in management and allied subjects;
- (B) APSFKNW was established by the Department of Information & Communication (IT&C), Government of Andhra Pradesh, to offer quality human resources and services to the 'Information Technology' industry and the Government of Andhra Pradesh, and in the process, to bridge the gap between the Government of Andhra Pradesh, technology educational institutes and the 'Information Technology' industry;
- (C) APSFKNW and ISB entered into a Memorandum of Understanding dated March 1st, 2013 ("MOU") in connection with collaboration on a project to foster entrepreneurship education in technology institutes through the "Technology Entrepreneurship Program" initiative ("TEP Initiative"). The main aim of TEP Initiative is to develop and deliver courses online to enhance engineering education of students in engineering colleges / universities in the state of Andhra Pradesh through engineering innovation and entrepreneurship education. In accordance with the terms of the MOU, ISB will launch the courses at various engineering colleges / universities in the state of Andhra Pradesh under the TEP Initiative, with the support of the APSFKNW, in the manner as set out in the Framework

(defined below) ("Program"). ISB shall deliver the Program online through the platform Learning Management System ("LMS"), which the students of the Program can access through the internet.

- (D) College is an engineering college which is engaged in providing quality engineering education. College is desirous of participating in the TEP Initiative and has enrolled in the TEP Initiative in order to provide the Program to its students. College has represented to the other Parties that it has the skill and experience to develop and perform obligations as set out hereunder in connection with the Program, as per the terms of this Agreement (including the Annexures).
- (E) ISB has thus provided to College the program content and curriculum which sets out the broad framework of the TEP Initiative and the roles and responsibilities of the Parties in relation to the Program to be conducted on the campus of College for its students ("Framework", annexed herewith as Annex A).
- (F) The Parties hereby agree to perform their obligations, roles and responsibilities in this regard in accordance with the terms set out hereunder.

NOW, THEREFORE, for good and valuable consideration, the sufficiency of which the parties acknowledge and confirm, the Parties agree as follows:

1. BASIC UNDERSTANDING

- 1.1 The Parties agree that they shall work together towards conducting the Program on the campus of College, in accordance with the terms and conditions set out in this Agreement and in accordance with the objectives, obligations, roles and responsibilities of the Parties as set out in the Framework.
- 1.2 The Parties agree and acknowledge that the Framework sets out *inter alia* only the broad framework of the objectives, obligations, roles and responsibilities of the Parties in relation to the Program / TEP Initiative, and that the Parties may discuss and mutually agree in writing on any additional obligations or specific obligations in relation to the same as and when necessary, which shall be in accordance with this Agreement and the Framework and shall form a part hereof.
- 1.3 This Agreement incorporates by this reference the representations, certifications, statements of authority, obligations and any other statements of the Parties as set forth in the Framework with the same force and effect as if rewritten herein.

2. OBLIGATIONS OF COLLEGE

- 2.1 College shall be primarily responsible for (i) administering the Program on its campus for its students, (ii) assisting ISB in delivering the Program, (iii) ensuring the students' performance and delivery of the tasks which form part of the Program, (iv) providing the necessary support and infrastructure as may be needed on its campus for the Program, and (v) perform all the functions necessary for the above as more clearly set out in the Framework. College's functions shall include the following:
 - (a) College shall nominate and designate one authorised representative to act as the Administrator for the Program, and inform the same to ISB in writing. College's Administrator shall be the single point of contact for the other Parties in connection with the TEP Initiative and shall work closely with ISB for conducting the Program.
 - (b) College shall assist ISB in evaluating applications from students for the Program, including conducting thorough due diligence of students.
 - (c) Upon receiving the list of Shortlisted Students (as defined below) from ISB, College shall undertake the necessary steps to admit students to the Program from such Shortlisted

Students, College shall be responsible to collect the Program Fees (as defined below) from the students, maintain records for the same, and deposit the collected Program Fees directly to the APSFKNW. It is clarified that ISB shall not have any responsibility in connection with the Program Fees or its collection, and ISB shall not have any liability in this regard.

- (d) College shall provide the necessary infrastructure (i) to enable the students to access the content for the Program through the LMS platform and (ii) to perform the tasks under the Program, as more clearly set out in the Framework, which shall include but not be limited to access to the internet, engineering labs, equipment necessary for the tasks, etc.
- (e) College shall provide to ISB requested data and information for program evolution as and when needed by ISB.
- (f) College shall ensure that students undertake lab activities as may be necessary for the curriculum forming part of the Program and shall ensure that necessary infrastructure is set up and provided to the students for the same.
- (g) College shall ensure that (i) its faculty ("College Faculty") shall mentor the students during the Program and (ii) there is active participation from College Faculty and the students in the formation of inter-disciplinary teams based on the students' strengths and competences as required under the Program.
- (h) College shall work with ISB and the ISB Faculty in executing and evaluating Challenges (as defined below) for the students of the Program, and shall mentor and guide the students during the execution and performance of the Challenges.
- (i) If ISB conducts any workshops for College Faculty or students as a part of the Program, the College shall provide travel and logistics support for the College Faculty, students, facilitators of the Workshop and TAs (as defined below) for onsite support, as may be required, at its own costs.

5. OBLIGATIONS OF ISB

3.1 Subject to the understanding set out in Clause 1 above, ISB shall be primarily responsible for designing and developing the Program and for performing all the functions necessary for the same as more clearly set out in Framework. ISB's functions shall include the following:

- (a) ISB shall be responsible for designing and developing the Program with inputs from the College Faculty if needed at ISB's discretion.
- (b) ISB shall appoint faculty for the Program ("ISB Faculty") who will deliver the content for the modules forming part of the Program and will also train Teaching Assistants ("TAs") from ISB to assist students with the Program.
- (c) ISB shall evaluate the information in connection with applications from students for the Program, with assistance from the College, and shall approve a list of students who may be admitted to the Program ("Shortlisted Students"). ISB shall intimate College and the APSFKNW of the list of Shortlisted Students.
- (d) ISB shall, with the help of College if needed, create, design and evaluate projects in the form of 'challenges' for the students as per the curriculum of the Program as set out in the Framework ("Challenges").

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- (e) ISB will provide a 'Certification of Completion' at the end of Year 1 and Year 2 of the Program to students who have successfully completed the same as more clearly set out in the Framework.

4. OBLIGATIONS OF APSFKNW

4.1 APSFKNW shall be responsible for the following aspects of the Program:

- (a) APSFKNW shall inform the College the amount of fees to be collected from each student from the Program ("Program Fees").
- (b) APSFKNW shall co-ordinate with College for (i) College to collect the Program Fees from students and (ii) College to pay to APSFKNW such collected Program Fees.

5. NO WARRANTY

5.1 The Parties agree to carry out the Program in accordance with appropriate scientific and professional standards but neither APSFKNW nor ISB promise success in achieving any desired result. APSFKNW and/or ISB give any warranty, express or implied, on the results or intended results of the TEP Initiative / Program.

6. TERM, TERMINATION AND CONSEQUENCES

6.1 This Agreement shall be valid for a period of four (4) years from the Effective Date ("Term").

6.2 Each Party shall have the right to terminate this Agreement by issuing sixty (60) days' advance written notice to the other Parties, *provided however that:*

- (a) None of the Parties shall have the right to cease performing the obligations towards the Program under this Agreement during the term of any academic year of the Program. However, a Party may issue a notice to cease performing its obligations towards the Program under this Agreement prior to the expiry of the term of this Agreement, provided that the obligations towards the Program under this Agreement shall continue until completion of the academic year during which such notice ("Termination Notice during Academic Year") was issued. The Parties hereby confirm and undertake that the Parties shall continue to perform their respective obligations under this Agreement until the completion of such academic year during which the Termination Notice during Academic Year was given. If any Party issues a Termination Notice during Academic Year, and in such an event if College fails to perform its obligations under this Agreement or is in breach of the Agreement during the course of such academic year as stated above, as a result of which *inter alia* (i) the Program or any part thereof cannot be conducted or completed in the manner contemplated herein or (ii) the certificate of completion cannot be issued to the students in the manner contemplated herein or (iii) the Program in any manner affected such that the Parties cannot perform their obligations under this Agreement, College shall be solely responsible for all consequences of the same, and shall hold harmless and fully indemnify ISB and APSFKNW, including for all damages, losses, costs, expenses, compensation (including reasonable attorney fees) arising from any third party claims, claims from students, loss of ISB's or APSFKNW's reputation, etc.

6.3 ISB shall have the sole right, at its option, to forthwith terminate this Agreement with immediate effect by issuing a written notice to the other Parties, on the happening of any of the following events:

- (a) If College breaches any of the terms, conditions, covenants, representations, warranties or obligations under this Agreement;

- (b) Violation or non-compliance by College of/with applicable law while exercising its rights or performing its obligations under this Agreement;
- (c) If College suffers a Force Majeure Event (as defined below);
- (d) If College or any of its authorized representatives, is convicted of a felony, a crime involving moral turpitude, or any crime or offense reasonably likely, in the sole opinion of ISB, to materially and unfavorably affect the goodwill and reputation of ISB / the TFP Initiative / Program;
- (e) If College becomes insolvent or is adjudicated as bankrupt or any action is taken by any party against College under applicable insolvency or bankruptcy laws; or
- (f) If College fails to fully correct or diligently remedy any notice or summons issued by any governmental or statutory authority regarding any matter involving compliance with applicable law.

6.4 In the event either Party commits any breach of any term, obligation, representation or performance under this Agreement, and the Party does not cure or rectify the breach within thirty (30) days of receipt of notice from any or both of the other Parties specifying the nature of the breach, the other Party/Parties shall have the right to terminate the Agreement forthwith.

6.5 Upon expiry of the term of this Agreement or the early termination of this Agreement, each Party shall in its sole discretion, require the other Parties to return or destroy all materials and information provided by the Party to other Parties under this Agreement and the other Parties shall comply with the same immediately to the satisfaction of the Party.

7. INTELLECTUAL PROPERTY RIGHTS

7.1 All the work / deliverables under this Agreement, whether developed, designed, created, devised, researched, analyzed or otherwise prepared, performed or made by ISB or by College or jointly by ISB and College, including but not limited to the design and content of the Program, design/project plan, method(s) of implementation, curriculum, databases, academic / course material or products, technical information, samples, strategies, know-how, research findings / output, case studies, content forming part thereof, methodologies, data, analysis, results, reports, spreadsheets, designs, etc., whether literary, audio or video or otherwise, whether available on digital media or otherwise ("Deliverables"), shall be owned absolutely and exclusively by ISB, including all proprietary and intellectual property rights therein, in perpetuity and for the territory of its entire world, with absolute and exclusive rights to use, exploit and modify the same in any manner it deems fit. ISB shall have and retain the right to make any changes to the Deliverables as may be necessary for effective execution of TFP Initiative / Program. ISB shall be fully entitled to publish the Deliverables and use and exploit the same for any purposes, whether commercial or not, including for academic purposes, publication of research papers, developing case studies, dissemination of knowledge through media or other public forum, use in classroom teaching or provide the details to academia for use in the research, etc. Nothing herein shall be construed to mean that College shall or may have a claim over any rights including any intellectual property rights of / over the Deliverables in any manner.

7.2 It is clarified and confirmed by the Parties that on expiry or earlier termination of the Term of this Agreement, ISB shall have and retain *inter alia* all the intellectual property rights to use, exploit and make changes to the Deliverables on an ongoing basis for the TFP Initiative.

7.3 College acknowledges and confirms that it does not have any intellectual property rights over the Deliverables or in connection with the Program or TFP Initiative.

7.4 Nothing in this Agreement shall be construed to imply any assignment or transfer of any copyrights or any other intellectual property rights of one Party to the other Party under any circumstances. No rights or licenses to trademarks, inventions, copyrights, or patents are implied or granted under this Agreement to any Party.

8. CONFIDENTIALITY

8.1 Each Party shall regard and preserve as confidential during the Term of this Agreement and anytime thereafter the Deliverables, the contents of this Agreement, the discussions between the Parties pertaining to the Agreement, the information related to the business of the other Party that it receives as a result of this Agreement and any information, materials or academic work provided by one Party to the other Party ("Confidential Information"). Confidential Information shall not be disclosed by either Party without the express prior written approval of the other Party to any person other than the Party's advisors for the purposes of assisting such Party in connection with the Agreement (provided that the Party shall procure that such advisors shall be under an equivalent confidentiality and non-disclosure obligation as set out in this Agreement).

8.2 Each Party shall employ a high degree of care to avoid disclosure of Confidential Information or unauthorized use of the Confidential Information in the same manner as it provides in protect its own Confidential Information. It is agreed that access to a Confidential Information shall be limited to only such employees or agents who need to know such information for purposes of fulfilling obligations required by this Agreement.

8.3 Each Party agrees to use the Confidential Information only for the purposes of fulfilling its obligations under this Agreement. It is clarified that College shall not share the Deliverables or any information in connection with the Program with students, faculty, employees, agents, officers, etc., whether internally or externally, or with any third party in any manner whatsoever, whether for profit or otherwise, other than with students of the Program, College Faculty and the TAs ("Authorized College Recipients").

8.4 College shall execute a confidentiality and non-disclosure agreement in the form provided by ISB ("NDA", the format of which is annexed herewith as Annex B) with each of the Authorized College Recipients to ensure that each Authorized College Recipient shall comply with and be bound by the confidentiality and non-disclosure obligations set out herein. College shall submit to ISB copies of such executed NDAs. In the event that College breaches its obligations hereunder or discloses any Confidential Information or any part or of the Deliverables to any person other than Authorized College Recipients, or if any of the Authorized College Recipients disclose the same to any third party, then College shall be liable to compensate ISB for the loss / damage caused or may be caused as a result of the same, whether or not actual loss / damage is proved to have been caused, by paying an amount of Rs.25,00,000 (Rupees Twenty Five Lakhs Only) to ISB or the amount determined by a competent court as payable for such breach, whichever is higher.

8.5 The obligation to keep confidential shall however not apply to information which (i) was in recipient's possess on before receipt from discloser; (ii) is or becomes a matter of public knowledge through no fault of recipient; (iii) is rightfully received by recipient from a third party without a duty of confidentiality; (iv) is disclosed by discloser to a third party without a duty of confidentiality on the third party; (v) is made subject to an order by judicial or administrative process requiring recipient to disclose any or all of the information, provided recipient shall promptly notify discloser allowing some reasonable time to oppose such process, before disclosure occurs; or (vi) is disclosed by recipient with discloser's express prior written approval.

9. FORCE MAJEURE

9.1 "Force Majeure Event" shall mean any event or circumstance or combination of events or circumstances set out below, but only if and to the extent that such event or circumstance and/or

their consequences: (i) are not within the reasonable control of either Party and not brought about at the instance of either Party or at the instance of either Party's representatives; (ii) actually prevent, hinder or delay in whole or in part the performance by either Party of its obligations under this Agreement; and (iii) which either of the Party could not have prevented by the exercise of reasonable skill and care, including: (a) earthquake, flood, inundation, landslide, storm, tempest, hurricane, cyclone, lightning, thunder or other extreme atmospheric disturbances; (b) fire caused by reasons not attributable to either Party; (c) acts of terrorism; (d) industry wide or state wide strikes, labour disruptions or any other industrial disturbances, other than those involving either Party and/or their personnel or those arising on account of the acts or omissions attributable to of any of them; or (e) war, hostilities (whether declared or not), invasion, act of foreign enemy, rebellion, riots, weapon conflict or military actions, civil war, ionising radiation, contamination by radioactivity from nuclear fuel, any nuclear waste, radioactive toxic explosion, volcanic eruptions.

9.2 Upon the occurrence of a Force Majeure Event, either Party shall use all reasonable endeavours to alleviate the effect of such Force Majeure Event and perform their obligations to the maximum extent possible during the subsistence of such Force Majeure Event.

9.3 If the Force Majeure Event continues for a duration exceeding fifteen (15) days, the Parties shall meet to discuss and agree upon measures to remove or mitigate its effects.

10. INDEMNITY

10.1 College shall indemnify and hold harmless SH, its directors, members, officers, representatives, faculty members, staff, employees, consultants and/or affiliated companies against all actions, third party claims, demands, damages, losses and expenses that may arise from or that it may suffer on account of the wilful breach or any negligent act amounting to breach of any representations, warranties, obligations, terms or conditions by College under this Agreement.

11. GOVERNING LAW

11.1 This Agreement shall be governed by and construed in accordance with the laws of India. The courts at Hyderabad, Andhra Pradesh, India shall have exclusive jurisdiction to entertain any dispute between the Parties arising from or in connection with this Agreement.

12. DISPUTE RESOLUTION

12.1 The Parties shall amicably resolve any dispute or difference arising between the Parties out of or in connection with or incidental to this Agreement, failing which such dispute or difference shall be referred to binding arbitration by a sole arbitrator in accordance with the Arbitration and Conciliation Act, 1996. The place of arbitration shall be Hyderabad, India. The arbitration proceedings shall be in the English language.

13. NOTICES

13.1 Except as may be otherwise provided herein, all notices, requests, waivers and other communications ("Notices") made pursuant to this Agreement shall be in writing and signed by or on behalf of the Party providing such Notice. Notices may be served to the Parties via facsimile to the numbers set forth below or through delivery by hand, mail or courier to the addresses set forth below. In each case the Notice shall be marked for the attention of the representative of the Party set forth below.

The initial address and facsimile for the Parties for the purposes of the Agreement are:

If to College,

Name : Prof. P.S. Raju, DIRECTOR
Address : GRJET, Bachupally, Kukatpally, Hyderabad.
Fax :
Telephone :
Attention : 040-65864440/4441
Dr. Janbhaya N. Maskey, Principal, GRJET

If to ISB,

Name : Savita Mahajan
Address : Gachibowli, Hyderabad 500032
Fax :
Telephone :
Attention :

If to APSFKNW,

Name : Amarnath Reddy Akmakuri
Address : Plot 599, A Block, 1st Floor, Appaappa Society, Madhapur, Hyderabad - 81
Fax : 040-40013899
Telephone : 040-40013899
Attention : Ravindra P

14. REPRESENTATIONS AND WARRANTIES

14.1 Each Party represents and warrants that it:

- (a) is validly incorporated and duly authorized to enter into this Agreement;
- (b) has full capacity, power and authority to enter into this Agreement and to fully perform its obligations hereunder, and is not prohibited in any way from entering into this Agreement or performing its obligations hereunder;
- (c) shall not act in any manner which conflicts or interferes with its obligations hereunder and that no agreement previously entered into by the Party will interfere with such Party's performance of its obligations under this Agreement; and
- (d) shall perform their respective obligations hereunder in compliance with any applicable laws, rules and/or regulations.

15. MISCELLANEOUS

15.1 **Publicity.**

All press statements and other publicity material proposed to be given by APSFKNW or College referring to this Agreement or any materials, ideas or data/information developed under this Agreement shall be first reviewed and confirmed in writing by ISB before release.

15.2 **Non-exclusivity.**

ISB shall be entitled to enter into similar memoranda of understanding with any third party.


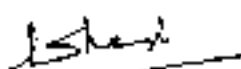
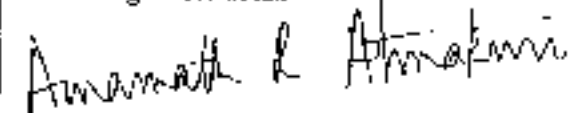
- 15.3 **Assignment.**
Unless expressly stated otherwise herein, neither Party shall have the right to assign its rights and/or obligations under this Agreement to any third party or entity without the prior written consent of the other Party.
- 15.4 **Captions and Headings.**
All captions and headings are inserted only for convenience and ease of reference and are not to be considered in the construction or interpretation of any provisions of this Agreement. Any capitalised term or caption used and not defined herein, but defined or described in the Framework, shall have the meaning ascribed to it in the Framework.
- 15.5 **Complete Agreement.**
This Agreement contains the entire agreement / memorandum of understanding between the Parties as to the subject matter hereof and shall supersede and take the place of any and all previous communications, negotiations and commitments, whether in writing or oral, between the Parties with respect to the subject matter hereof.
- 15.6 **Counterparts.**
This Agreement may be executed in any number of counterparts. All counterparts will be taken to constitute one instrument.
- 15.7 **No waiver.**
It is understood and agreed that no failure or delay by a Party in exercising any right, power or privilege hereunder shall operate as a waiver thereof, nor shall any single or partial exercise thereof preclude any other or future exercise thereof or the exercise of any other right, power or privilege hereunder.
- 15.8 **Severability.**
If any term, provision, covenant or restriction of this Agreement is held to be invalid, illegal or unenforceable, such invalidity, illegality or unenforceability shall not affect the remainder of the terms, provisions, covenants and restrictions of this Agreement, which shall remain in full force and effect and shall in no way be affected, impaired or invalidated.
- 15.9 **Amendments.**
Any and all amendments, additions or deletions to this Agreement shall be null and void unless agreed to in writing by the Parties.
- 15.10 **Independent parties to Agreement.**
Nothing stated in this Agreement shall be construed to create a joint venture, partnership, agency or employer-employee relation between the Parties including any of their officers, agents, employees, researchers, faculty members, etc., and neither Party is authorised to transact any business or undertake any agreement, contract, representation or warranty in the name of or on behalf of the other Party under any circumstances. The Parties agree and undertake that they are working independently on a *principle-to-principle* basis.
- 15.11 **Further Assurances.**
Subject to the terms and conditions herein provided, each Party agrees to use its best efforts to take, or cause to be taken, all actions, and to do, or cause to be done, all things necessary, proper or advisable under applicable laws and regulations to consummate and make effective (and shall do nothing, directly or indirectly, to obstruct, hinder or delay) this Agreement. If at any time any further action is necessary or desirable for the purposes of this Agreement, the Parties shall take or cause to

be taken all such necessary actions, including, without limitation, the execution and delivery of such further instruments and documents as may be reasonably requested by the other Party.

15.12 Binding Effect of the Agreement.

The Parties hereby agree that this Agreement shall constitute the legal, valid and binding obligation of each Party.

In witness whereof, both the Parties have signed these presents on the day and year written above in the presence of the following named witnesses

<p>For and on behalf of Indian School of Business:</p>  <p><input type="checkbox"/> Authorized representative</p>	<p>For and on behalf of the Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad:</p>  <p><input type="checkbox"/> DIRECTOR Authorized representative</p>
<p>For and on behalf of Andhra Pradesh Society for Knowledge Networks:</p>  <p><input type="checkbox"/> Authorized representative</p>	<p>Witnesses: _____ 1. _____ 2. _____</p>

Enclosed:

1. Annexure A: Framework
2. Annexure B: Format of Non-Disclosure Agreement

**MEMORANDUM OF
UNDERSTANDING(MOU)**

BETWEEN

Gokaraju Rangaraju Institute of Engineering
and Technology

&

caratRED Technologies LLP

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (hereinafter called as the 'MOU') is entered into on this 12th day of - February - Two Thousand Nineteen (12-02-2019).

BETWEEN

Gokaraju Rangaraju Institute of Engineering and Technology, Bachupally, Kukatpally, Hyderabad, Telangana, the First Party represented herein by its Name of Competent Authority / Representative, Dr. Jandhyala Narayana Murthy (hereinafter referred as 'First Party', the institution which expression, unless excluded by or repugnant to the subject or context shall include its successors - in-office, administrators and assigns).

AND

caratRED Technologies LLP, #401, GRC Residency, 19/C Jaihind Enclave, Khanamet Ph2, Madhapur Hyderabad, Telangana, the Second Party, and represented herein by Rambabu Talluri, Managing Director (hereinafter referred to as "Second Party", company which expression, unless excluded by or repugnant to the subject or context shall include its successors - in-office, administrators and assigns).

(First Party and Second Party are hereinafter jointly referred to as 'Parties' and individually as 'Party')

WHEREAS:

- A) First Party is a Higher Educational Institution named: Gokaraju Rangaraju Institute of Engineering and Technology
- B) First Party & Second Party believe that collaboration and co-operation between themselves will promote more effective use of each of their resources, and provide each of them with enhanced opportunities.



- C) The Parties intent to cooperate and focus their efforts on cooperation within area of Skill Based Training, Education and Research.
- D) Both Parties, being legal entities in themselves desire to sign this MOU for advancing their mutual interest;
- E) **caratRED Technologies LLP**, the Second Party is engaged in Software Services Business specialized delivering web application and also a Product based company by leveraging technologies like;
- Fullstack development using Python & Related Frameworks
 - Fullstack development using JavaScript Frameworks
 - Fullstack Development using PHP Frameworks
 - UI & UX Development
 - Machine Learning based on tensorflow models
 - Bigdata based on Hadoop Hortonworks stack
 - Data Anaytics
- F) **caratRED Technologies LLP**, the Second Party is promoted by **Mr.Rambabu Talluri, Managing Director, caratRED Technologies LLP, (#401, GRC Residency, 19/C Jaihind Enclave, Khanamet Ph2, Madhapur Hyderabad, Telangana, 500081.**

Background of the Company;

caratRED Technologies LLP was established in the year 2016, specializes in delivering applications for Business in various segments like Python, Java Script, PHP, UI & UX, Machine Learning, Big Data and Data Analytics

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

USE 1 CO-OPERATION

1 Both Parties are united by common interests and objectives, and they shall establish channels of communication and co-operation that will promote







and advance their respective operations within the **Institution** and its related wings. The Parties shall keep each other informed of potential opportunities and shall share all information that may be relevant to secure additional opportunities for one another.

- 1.2 First Party and Second Party co-operation will facilitate effective utilization of the intellectual capabilities of the faculty of First Party providing significant inputs to them in developing suitable teaching / training systems, keeping in mind the needs of the industry, the Second Party.
- 1.3 The general terms of co-operation shall be governed by this MOU. The Parties shall cooperate with each other and shall, as promptly as is reasonably practical, enter into all relevant agreements, deeds and documents (the 'Definitive Documents') as may be required to give effect to the actions contemplated in terms of this MOU. The term of Definitive Documents shall be mutually decided between the Parties. Along with the Definitive Documents, this MOU shall represent the entire understanding as to the subject matter hereof and shall supersede any prior understanding between the Parties on the subject matter hereof.

CLAUSE 2 SCOPE OF THE MoU

- 2.1 The budding graduates from the institutions could play a key role in technological up-gradation, innovation and competitiveness of an industry. Both parties believe that close co-operation between the two would be of major benefit to the student community to enhance their skills and knowledge.
- 2.2 **Curriculum Design:** Second Party will give valuable inputs to the First Party in teaching / training methodology and suitably customize the curriculum so that the students fit into the industrial scenario



meaningfully.

- 2.3 **Industrial Training & Visits:** Industry and Institution interaction will give an insight into the latest developments / requirements of the industries; the Second Party to permit the Faculty and Students of the First Party to visit its group companies and also involve in Industrial Training Programs for the First Party. The industrial training and exposure provided to students and faculty through this association will build confidence and prepare the students to have a smooth transition from academic to working career. The Second Party will provide Its Labs / Workshops / Industrial Sites for the hands-on training of the learners enrolled with the First Party.
- 2.4 **Internships and Placement of Students:** Second Party will actively engage to help the delivery of the Internship and placement of students of the First Party into internships/jobs, as per AICTE internship Policy. The Second Party will also register itself on AICTE Internship Policy Portal for disseminating the Internship opportunities available with them.
- 2.5 **Research and Development:** Both Parties have agreed to carry out the joint research activities in the fields of Software Development and Practice.
- **Activities**
 - Phase 1: Student's Projects
 - Phase 2: Preliminary and Feasibility studies on short term activities of mutual interest including technical consultancy
 - Phase 3: Long Term developmental program on topics of mutual interest.
- 2.6 **Skill Development Programs:** Second Party to train the students of First Party on the emerging technologies in order to bridge the skill gap and make them industry ready.
- 2.7 **Guest Lectures:** Second Party to extend the necessary support to deliver guest lectures to the students of the First Party on the technology trends and in house requirements.



- 2.8 **Faculty Development Programs:** Second Party to train the Faculties of First Party for imparting industrial exposure/ training as per the industrial requirement considering the National Occupational Standards in concerned sector, if available.
- 2.9 Both Parties to obtain all internal approvals, consents, permissions, and licenses of whatsoever nature required for offering the Programs on the terms specified herein
- 2.10 There is no financial commitment on the part of the Gokaraju Rangaraju Institute of Engineering and Technology, the First Party to take up any program mentioned in the MoU. If there is any financial consideration, it will be dealt separately.

CLAUSE 3 INTELLECTUAL PROPERTY

- 3.1 Nothing contained in this MOU shall, by express grant, implication, Estoppel or otherwise, create in either Party any right, title, interest, or license in or to the intellectual property (including but not limited to know-how, inventions, patents, copy rights and designs) of the other Party.

CLAUSE 4 VALIDITY

- 4.1 This Agreement will be valid until it is expressly terminated by either Party on mutually agreed terms, during which period, the Second Party, as the case may be, will take effective steps for implementation of this MOU. Any act on the part of Training Partner or caratRED Technologies LLP the Second Party after termination of this Agreement by way of communication, correspondence etc., shall not be construed as an extension of this MOU
- 4.2 Both Parties may terminate this MOU upon 30 calendar days' notice in writing. In the event of Termination, both parties have to discharge their obligations



CLAUSE 5 RELATIONSHIP BETWEEN THE PARTIES

5.1 It is expressly agreed that **First Party** and **Second Party** are acting under this MOU as independent contractors, and the relationship established under this MOU shall not be construed as a partnership. Neither Party is authorized to use the other Party's name in any way, to make any representations or create any obligation or liability, expressed or implied, on behalf of the other Party, without the prior written consent of the other Party. Neither Party shall have, nor represent itself as having, any authority under the terms of this MOU to make agreements of any kind in the name of or binding upon the other Party, to pledge the other Party's credit, or to extend credit on behalf of the other Party.

First Party

Second Party

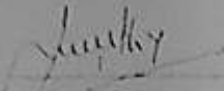
Any divergence or difference derived from the interpretation or application of the MoU shall be resolved by arbitration between the parties as per the Arbitration Act, 1996. The place of the arbitration shall be at District Head Quarters of the First Party. This undertaking is to be construed in accordance with Indian Law with exclusive jurisdiction in the Courts of Hyderabad.



AGREED:

For Gokaraju Rangaraju
Institute of Engineering and Technology

For caratRED Technologies LLP


Authorized Signatory
DIRECTOR


Authorized Signatory



GOKARAJU RANGARAJU
Institute of Engineering and Technology
Bachupally, Kukatpally, Hyderabad,
Telangana 500090

caratRED Technologies LLP

#401, GRC Residency,
19/C Jaihind Enclave,
Khanamet Ph2,
Madhapur
Hyderabad, Telangana, 500081.

7207344440, 7207714441

9885584290

info@griet.ac.in

rambabu@caratred.com

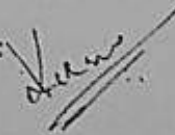
www.griet.ac.in

http://www.caratred.com/

Witness1:



Witness2:



Witness3:



Witness4:





MEMORANDUM OF UNDERSTANDING

CENTER OF EXCELLENCE FOR EMERGING TECH

Gokaraju Rangaraju Institute of Engineering and Technology

Survey No. 288 Nizampet Road, Krishnaja Hills, Bachupally, Kukatpally, Hyderabad, Telangana 500090

Blackbuck Engineers Pvt. Ltd.

Jubilee Square, 1128, 3rd floor, Rd Number 36, Jubilee Hills, Hyderabad, Telangana 500033

Arunadha

Arjun

CENTRE FOR EMERGING TECHNOLOGIES

Artificial Intelligence | Machine Learning |
Data Science | Internet of Things

To bring premier and practical knowledge closer to students and professionals. This, bridging the gap, we do by bringing industry to students

This Memorandum of Understanding ("MoU") is executed in **January 2021** between:

Blackbuck Engineers Pvt. Ltd. registered at 5-124/1, Chandanagar, Hyderabad and operating at Jubilee Square, 1128, 3rd floor, Rd Number 36, Jubilee Hills, Hyderabad, Telangana 500033 as **FIRST PARTY**, hereafter referred as **Blackbuck**.

AND

Gokaraju Rangaraju Institute of Engineering and Technology, Survey No. 288 Nizampet Road, Krishnaja Hills, Bachupally, Kukatpally, Hyderabad, Telangana 500090 as **SECOND PARTY** hereafter referred as **Institution**.

Blackbuck and Institution are individually referred as "party" and together as "parties"

WHEREAS

1. The Institution was established in **1997**, with a vision and mission of imparting quality technical education to students.
2. Blackbuck is an EduTech organization into technology & management.
3. Institution and Blackbucks together partner to deliver Advanced Skills in Emerging Technologies and provide industry focus to students.
4. Blackbuck would bring in its expertise related to Incubation centres.
5. In pursuance of the aforesaid, the Parties hereto wish to record under this MoU, the terms of their mutual understanding in order to establish a framework for initiating innovative models of the course and Centres of Excellence.

NOW THE PARTIES HERETO AGREE AS UNDER

ARTICLE 1: SCOPE OF THE MoU

1. This document covers the key terms and conditions for conducting programs for the Institution that are related to establishment of Centre of Excellence for Emerging Technologies.
2. The objective of this MoU is to set out the scope within which the Institution and Blackbuck will jointly explore and work towards achieving the objectives of bringing industry closer to students,
3. The MoU covers generic agreement terms and conditions related to: (1) Job skills (2) Building ecosystem for innovation through number of courses and initiatives (3) Setting stage for industry interaction and contribution.

Blackbuck is a premier partner with IT Department, Government of Telangana for emerging technologies. Our syllabus is verified by NASSCOM and HYSEA. Our delivery is world-class

Amudha

Amudha

ARTICLE 2: ROLES AND RESPONSIBILITIES OF BLACKBUCK

1. Blackbuck shall offer various programs and services through our online platform to its partner colleges that include:
 - i. **Faculty Enablement Program** - Blackbuck shall thoroughly recognize the internal faculty services and conduct one FDP on Mutual Understanding.
 - ii. **Training Programs** - Blackbuck shall provide a continuous set of processes, domain based or technology workshops where students choose to attend any stream of their choice -
 - i. Artificial Intelligence
 - ii. Machine Learning
 - iii. Data Science
 - iv. Cloud
 - v. Cyber Security
 - vi. Internet of Things
 - iii. **Webinars & Guest Lectures** - Industry leaders communicate with students on latest AI and technology developments in the industry through our online sessions.
 - iv. **Hackathons / Ideathons** - Blackbuck conducts hackathons and ideathons across the year in different colleges that keeps students innovation and tech capabilities high.
 - v. **Student Support** - Through internships, placements support, ideathons and hackathons
 - vi. **Certification Programs** - Advanced Diploma in Artificial Intelligence and other hands-on courses
 - vii. **Placement Assistance** - Placement assistance through mock interviews, HR Connects

ARTICLE 3: ROLES AND RESPONSIBILITIES OF THE INSTITUTION

1. For offline courses, the Institution shall provide access to seminar halls, classrooms and labs with a seating capacity of 100 during sessions and courses.
2. The institution shall provide necessary support to Blackbuck to promote the program for enrolment of the students into courses.



CENTRE FOR EMERGING TECHNOLOGIES

**Artificial Intelligence | Machine Learning |
Data Science | Internet of Things**

To bring premier and practical knowledge closer to students and professionals. This, bridging the gap, we do by bringing industry to students

ARTICLE 4: JOINT RESPONSIBILITIES

1. Both the parties can review and assess the quality of the courses or programs as and when required.
2. Both the parties are collectively responsible to create an ecosystem for Incubation, Startups, and Industry Interaction.
3. Both the parties shall put sufficient effort for the success and progress of each and every joint initiative.
4. Both parties shall agree to fulfil their roles and responsibilities with integrity in an ethical manner.

ARTICLE 5: Commercial

1. The fee for Center of Excellence membership is Rs.2000/- per year per student. This is completely paid by the student on his/her interest.
2. The fee shall be collected by agreed Institution and Blackbuck in the campus through online / offline payment methods from students.
3. Any new program introduced as part of CoE that has fee shall be intimated to and approved by the Institute. A special agreement will be done as an extension to this agreement in that case

ARTICLE 6: LEGAL TERMS

4. Both the parties can declare about the tie-up on their website or any other public platform.
5. Any IP that has come up through ideas from students or staff is property of the college / university.
6. If there is any dispute with the student(s), the Institution and Blackbuck will together resolve the same in best interest of the student(s). Any course started by the student has to be complete till certification. However there will be an exit possibility for students by producing a valid reason approved by both Institution and Blackbuck.

Blackbuck is a premier partner with IT Department, Government of Telangana for emerging



CENTRE FOR EMERGING TECHNOLOGIES

Artificial Intelligence | Machine Learning |
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7. Blackbuck will try best to bring renowned and hands-on faculty from real-time industry. The students will be joining the course (or) training on their self-interest.
8. Institution not commit for any minimal or maximal strength of student or staff in the programs proposed by Blackbuck.
9. Intellectual Property and Trademarks - Both the parties will continue with their respective trademarks including that of any improvements or work done at its own cost for this AGREEMENT. However, any course delivery for academic purposes that does not contain any IP related information - video, audio, text material thus made through this collaboration - shall be made available online for a larger audience.

ARTICLE 7: TERMS AND TERMINATION

1. This AGREEMENT will come into effect on the date of signature and will remain in force for four years until either of the two parties serves a written notice to the other at their addresses mentioned as above by registered post of its intention to terminate the Agreement in which case it will terminate one month after the receipt of such a notification.
2. The agreement can be renewed on expiry on mutually agreed terms and conditions. Notwithstanding anything in this MoU, neither Party shall be liable to the other for any failure to achieve any of the objectives and undertakings herein.
3. However, commitments made by either party in respect of personnel hired or equipment ordered, under this MoU would be honoured by respective parties. Termination shall be effective only after the obligations towards a running batch are completed.

ARTICLE 8: MODIFICATIONS

1. The AGREEMENT may be amended by mutual consent through an exchange of correspondence between the two Parties.
2. Such amendments come into existence only by a written agreement duly signed by persons authorized on behalf of each party.

Blackbuck is a premier partner with IT Department, Government of Telangana for emerging technologies. Our syllabus is verified by NASSCOM and HYSEA. Our delivery is world-class and have superior tie-ups with research based organizations. We are partners to CSI for setting up centers of excellence in their associate colleges.

Amritha


[Signature]

CENTRE FOR EMERGING TECHNOLOGIES

Artificial Intelligence | Machine Learning |
Data Science | Internet of Things

To bring premier and practical knowledge closer to
students and professionals. This, bridging the gap,
we do by bringing industry to students

ARTICLE 9: DISPUTE RESOLUTIONS

1. If any dispute connected with the formation, performance, interpretation, nullification, termination or invalidation of this Agreement ("Dispute") is not resolved by the Parties, the Parties shall within thirty (30) days of written notice from one Party to the other Party (a "Dispute Notice") hold a meeting to try and resolve the Dispute ("Dispute Meeting").
2. Each Party shall use all reasonable endeavours to send a representative who has authority to settle the Dispute to attend the Dispute Meeting and that representative exercising good faith shall try and resolve the Dispute amicably within forty five (45) business days of the service of the Dispute Notice.
3. In the event that a Dispute is not resolved amicably within forty five (45) Business Days of the service of the Dispute Notice, whether or not a Dispute Meeting has been held, either Party may refer the Dispute to arbitration in accordance with the Rules, which Rules are deemed to be incorporated by reference into this clause.
4. For the purpose of any arbitration proceedings commenced pursuant to this clause: The number of arbitrators shall be one; The arbitration shall take place in the state of Telangana, India;
5. The language to be used in the arbitral proceedings shall be English.

ARTICLE 10: OTHER TERMS AND CONDITIONS

1. Whether directly or indirectly Institution or Blackbuck is not responsible for providing placements or placement assistance for the candidates admitted into the course.
2. While the MOU is under force, either Institution or Blackbuck should restrain from poaching any resources presently working with their respective entities. They should not be employed directly or in-directly by any party without the consent in writing of the other party.
3. Notwithstanding anything contained in the rules, the administrative rules, regulations, discipline and conduct rules procedures being applicable to the regular students of the college are applicable to the participants in mutatis-mutandis.

Blackbuck is a premier partner with IT Department, Government of Telangana for emerging technologies. Our syllabus is verified by NASSCOM and HYSEA. Our delivery is world-class and have superior tie-ups with research based organizations. We are partners to CSI for



A large, stylized handwritten signature in blue ink.

PAGE 01
BLACKBUCK ENGINEERS PVT LTD

CENTRE FOR EMERGING TECHNOLOGIES

Artificial Intelligence | Machine Learning |
Data Science | Internet of Things

To bring premier and practical knowledge closer to
students and professionals. This, bridging the gap,
we do by bringing industry to students

Date of signature of the MoU:

<p>FOR BLACKBUCK FIRST PARTY</p> <p><i>Anuradha</i> 15/02/2021</p> <p>ANURADHA THOTA Chief Executive Officer Blackbuck Engineers Pvt. Ltd. Jubilee Hills Hyderabad</p>	<p>FOR GRIET SECOND PARTY</p> <p><i>[Signature]</i> 15-2-21</p> <p>AUTHORIZED SIGNATORY Chief Executive Officer Gokaraju Rangaraju Institute of Engineering and Technology Nizampet Hyderabad</p>
---	--

① Witness

① *[Signature]*

VEENAV KIRAN T
Director, Blackbuck

Witness

① *[Signature]*

(JANDHYALA N MURPHY)
DIRECTOR
GRIET

Blackbuck is a premier partner with IT Department, Government of Telangana for emerging technologies. Our syllabus is verified by NASSCOM and HYSEA. Our delivery is world-class and have superior tie-ups with research based organizations. We are partners to CSI for setting up centers of excellence in their associate colleges.



[Signature]

ICT ACADEMY

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An Initiative of Government of India, State Government and Industry
An ISO 9001 : 2015 Certified Organisation


Certificate of Membership

This is to certify that

**Gokaraju Rangaraju Institute of Engineering
& Technology, Hyderabad**

is an Institutional Member of ICT Academy

Membership No : 173035
Valid Till : 06-Oct-2018
New Delhi, India.


M Sivakumar
Chief Executive Officer

www.ictacademy.in

Memorandum of Understanding

between

Lucerne University of Applied Sciences and Arts
School of Information Technology
Campus Zug-Rotkreuz, Suarstoffli 41b
6363 Rotkreuz, Switzerland

and

Gokaraju Rangaraju Institute of Engineering & Technology
Nizampet Road, Bachupally, Kukatpally
Hyderabad- 500090-Telangana, India

The parties agree as follows:

1. With the aim to enhance the educational experience and the cross-cultural understanding of students and staff of both parties as well as to explore the feasibility of establishing joint scientific activities in areas of mutual interest the parties agree to embark on a cooperation. In particular, the collaboration shall include the following activities:

- A: Student exchanges
- B: Student internships
- C: Summer and Winter school
- D: Staff exchange
- E: Scientific cooperation in selected research and development projects

2. Both parties will promote the exchange of students and provide internships for students. Student exchanges and internships shall last between one to two semesters

3. The students shall remain registered at the home institution and will pay all tuition and other fees to the home institution, according to the applicable rules of the respective home institution. The students will be exempted from paying tuition fees at the host institution.

4. Travel and subsistence expenses shall be borne by the students. The host institution will assist in securing appropriate student housing at affordable costs, but full responsibility for housing shall remain with the students.

5. The students shall also be responsible for securing satisfactory insurance cover for the time period of their exchange or internship, in particular health/medical insurance. The host institution will assist incoming students in identifying available insurance options.

10. If necessary, the parties will agree on further details of the student exchanges and internships - such as admission requirements, language proficiency, enrolment status etc. - in a separate written agreement.

11. If necessary, the parties will agree on further details of the summer and winter school - such as admission requirements, any fee to be paid at host institution etc. - in a separate written agreement.

12. If necessary, the parties will agree on further details of the staff exchange in a separate written agreement.

13. If effective cooperation regarding student exchanges and internships is established, joint research and development projects could be a step for further cooperation.

14. This agreement enters into force upon signature and is concluded for a period of five years. Either party may terminate it for any reason with written notice of three months. Any exchange, internship and/or project still active at the end of the agreement shall continue under the conditions laid down in this agreement.

15. Changes of or amendments to this agreement shall be in written form only.

16. This agreement is executed in two identical copies, each of which shall be deemed an original. Each party shall receive one of the copies.

Gokaraju Rangaraju Institute of Engineering and Technology :

Lucerne University of Applied Sciences and Arts, School of Information Technology :

[Handwritten Signature]

Name: P.S.Raju

Title: Director

Date: 12.12.2016

Name: Prof. Dr. René Hüsler

Title: Dean

Date :



[Handwritten Signature]

Name: Prof. Murali Krishna Pennisetla

Title: Dean of International Affairs & Projects

Date: 12.12.2016

Name: Prof. Dr. Sita Mazumder

Title: Head International Relations

Date:

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7. **Certificate Fulfillment.** It is hereby understood and agreed that certificates will only be provided electronically by Certiport for certifications provided under a Site License.
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12. **Certiport Center Agreement.** The parties agree that this Agreement is governed by and shall be subject to the terms and conditions of the Certiport Center Agreement, which is available at www.certiport.com, and which must be current and executed prior to any Site License use. Licensee represents and warrants to Certiport that it has read, signed, and understood the terms thereof.



MEVLANA DEĞİŞİM PROGRAMI PROTOKOLÜ

MEVLANA EXCHANGE PROGRAMME PROTOCOL

Bizler, aşağıda imzaları bulunan yükseköğretim kurumları olarak, kurumlarımız arasında Mevlana Değişim Programı kapsamında işbirliği yapmayı kararlaştırmış bulunmaktayız.

As being higher education institutions having signatures below, we have agreed on collaborating between our institutions in the scope of Mevlana Exchange Programme.

2547 sayılı Yükseköğretim Kanunu ve Yükseköğretim Kurumları Arasında Öğrenci ve Öğretim Üyesi Değişim Programına İlişkin Yönetmelik, Yükseköğretim Kurumları Arasında Yurtiçi Öğretim Elemanı ve Öğrenci Değişim Programlarının Desteklenmesi Amacıyla Yükseköğretim Kurulunca Yükseköğretim Kurumlarına Aktarılacak Tutarların İlişkin Esas ve Usuller ile konuyla ilgili diğer mevzuata uygun bir biçimde, aşağıda yer alan alanlarda, belirtilen faaliyetlerde ve kararlaştırılan sayılarda, öğrenci ve öğretim elemanı değişiminde bulunmaya karar veren kurumlar olarak, Mevlana Değişim Programı kapsamında yer alan ilke ve koşullara eksiksiz bir biçimde uymayı ve değişimi gerçekleştirmeyi taahhüt ederiz.

As being the institutions agreed on student and academic staff exchange, we undertake to concur with principles and conditions set forth in Mevlana Exchange Programme and accomplish the Exchange in compliance with Higher Education Law no. 2547, Regulation on Student and Academic Staff Exchange Programme Between Higher Education Institutions, Principle and Procedures on Use, Recognition of the Amounts to be Transferred to Higher Education Institutions by Council of Higher Education Institution with the intention of Supporting National Academic Staff and Student Exchange Programmes between Higher Education Institutions and Relevant Matters and other legislation in the fields mentioned below, in designated activities and numbers.

Bu Protokol, 07/10/2016 tarihinde iki asıl nüsha olarak yapılmış olup, 2020 yılına kadar geçerlidir.

This Protocol has been concluded on the date of 07/10/2016 in two original copies and is effective until the year of 2020.

Karabük Üniversitesi Rektörü
Rector of Karabük University

Gokaraju Rangaraju Institute of
Engineering and Technology Rektörü
Director of Gokaraju Rangaraju
Institute of Engineering and Technology

MEVLANA ENGLISH EDUCATION CENTER
 Öğrenci Değişimi SE: Student Exchange



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 21

Alan kodu Field code	Ad Field Name	Derece Degree				Yükseköğretim Kurumu Higher Education Institution		Toplam Total	
		Ön Lisans Associate Degree	Lisans Bachelor or Degree	Yüksek Lisans MA	Doktora PhD	Gönderen Home Institution	Kabul eden Host Institution	Öğrenim Soyas Studen t Number	Değişim Süresi (Ay) Exchange Duration (Months)
11.3	Bilişim, Bilgisayar Bilimleri Informatics, Computer Science		X	X		KBU	GRIET	4	4 Months
11.3	Bilişim, Bilgisayar Bilimleri Informatics, Computer Science		X	X		GRIET	KBU	4	4 Months
06.1	Makine Mühendisliği Mechanical Engineering		X	X		KBU	GRIET	4	4 Months
06.1	Makine Mühendisliği Mechanical Engineering		X	X		GRIET	KBU	4	4 Months
06.4	İnşaat Mühendisliği Civil Engineering		X	X		KBU	GRIET	4	4 Months
06.4	İnşaat Mühendisliği Civil Engineering		X	X		GRIET	KBU	4	4 Months
06.5	Elektronik Mühendisliği, Telekomünikasyon Electronic Engineering, Telecommunications		X	X		KBU	GRIET	4	4 Months
06.5	Elektronik Mühendisliği, Telekomünikasyon Electronic Engineering, Telecommunications		X	X		GRIET	KBU	4	4 Months
04.0	İşletme ve Yönetim Bilimleri		X	X		GRIET	KBU	4	4 Months

Business Studies, Management Science							
İşletme ve Yönetim Bilimleri Business Studies, Management Science	X	X			GRIET	KBU	4 Months
Diğerleri - Mühendislik, Teknoloji (Biyomedikal Mühendisliği) Others- Engineering, Technology (Biomedical Engineering)	X	X			GRIET	KBU	4 Months
Diğerleri - Mühendislik, Teknoloji (Biyomedikal Mühendisliği) Others- Engineering, Technology (Biomedical Engineering)	X	X			GRIET	KBU	4 Months

Öğretim Elemanı Hareketliliği ASM: Academic Staff Mobility

Ders Verilen Alan veya Faaliyetler Field of Teaching or Activities	Öğretim Üyesi Sayısı Number of Academic Staff	Yükseköğretim Kurumu Higher Education Institution		Minen Olarak Toplam Süre Total Duration in Period	Haftalık Ders Saati Weekly Course Hour
		Gönderen Home Institution	Kabul eden Host Institution		
Bilgisayar Bilimleri Informatics, Computer Science	1	KBU	GRIET	14 Days	10 Hours
Bilgisayar Bilimleri Informatics, Computer Science	1	GRIET	KBU	14 Days	10 Hours
Makine Mühendisliği Mechanical Engineering	1	KBU	GRIET	14 Days	10 Hours
Makine Mühendisliği Mechanical Engineering	1	GRIET	KBU	14 Days	10 Hours
İnşaat Mühendisliği Civil Engineering	1	KBU	GRIET	14 Days	10 Hours

İnşaat Mühendisliği Civil Engineering	1	GRIET	KBU	14 Days	10 Hours
Elektronik Mühendisliği, Telekomünikasyon Electronic Engineering, Telecommunications	1	KBU	GRIET	14 Days	10 Hours
Elektronik Mühendisliği, Telekomünikasyon Electronic Engineering, Telecommunications	1	GRIET	KBU	14 Days	10 Hours
İşletme ve Yönetim Bilimleri Business Studies, Management Science	1	GRIET	KBU	14 Days	10 Hours
İşletme ve Yönetim Bilimleri Business Studies, Management Science	1	KBU	GRIET	14 Days	10 Hours
Diğerleri - Mühendislik, Teknoloji (Biyomedikal Mühendisliği) Others- Engineering, Technology (Biomedical Engineering)	1	GRIET	KBU	14 Days	10 Hours
Diğerleri - Mühendislik, Teknoloji (Biyomedikal Mühendisliği) Others- Engineering, Technology (Biomedical Engineering)	1	GRIET	KBU	14 Days	10 Hours



MEVLANA EXCHANGE PROGRAMME

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MEMORANDUM OF UNDERSTANDING



THIS AGREEMENT, entered into this 23rd day of January, 20 , by and between University of Central Missouri, Warrensburg, Missouri, U.S.A. and Gokaraju Rangaraju Institute of Engineering and Technology, Bachupally, Hyderabad, Telangana, India-500090, here after referred to as GRIET-Hyd..

WITNESSETH THAT:

WHEREAS, University of Central Missouri and GRIET-Hyd desire to promote the enrichment of their teaching and learning, research and discovery, and engagement missions; and

WHEREAS, University of Central Missouri and GRIET-Hyd desire to strengthen and expand the mutual contacts between the two universities; and

WHEREAS, University of Central Missouri and GRIET-Hyd desire to provide for a variety of collaborative educational opportunities for faculty and students at the two universities on the terms and conditions hereinafter set forth;

AND THEREFORE, it is mutually agreed as follows:

Scope of Agreement - This Agreement shall commemorate the parties' intent to enter into but not be limited to, the following types of collaboration:

- A. Short and Long-term Faculty Exchange
- B. Undergraduate and Graduate Student Exchange
- C. Collaborative Research and Discovery, Learning and Teaching, and Engagement
- D. Other mutually agreed educational or research programs

Before implementing these activities, the parties will discuss the opportunities and challenges presented and will thereafter enter into specific written agreements based on the mutually agreed objectives and outcomes.

Period of Agreement - This Agreement shall be effective upon the date of final execution and will remain in force for a period of three years. This agreement may be renewed beyond three years by mutual written agreement. In addition, either university may terminate the agreement by providing notice to the other party in writing.

Activities Under This Agreement - It is expected that activities taking place under this Agreement will be initiated primarily by academic units within each university, and in coordination with their respective administrative units concerned with international activities. All activities undertaken must conform to the policies and procedures in place at each institution. For University of Central Missouri, faculty and student exchanges will follow university guidelines for faculty and student exchange.

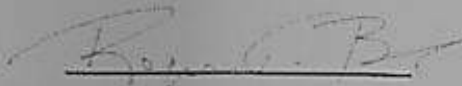
- IV. **Planning and Management of Activities** – Each distinct collaboration program or activity will be described in a separate Program Specific Agreement drawn up jointly and signed by authorized signatories of each party. Such agreements will specify the names of those individuals on each campus responsible for the implementation of the program and set forth all terms and conditions associated with the activity. The parties understand that each Program Specific Agreement may have different circumstances with respect to the personnel, types of activities, intellectual property and other deliverables that University of Central Missouri may be required to contribute. Therefore, University of Central Missouri reserves the right to perform a separate risk assessment on the legal, tax and other liabilities that may arise under each Program Specific Agreement and to structure its deliverables under the Program Specific Agreement in a way that maximizes the cost and liability efficiencies for University of Central Missouri. University of Central Missouri reserves the right to assign and/or subcontract any or all of its obligations under this MOU and/or any Program Specific Agreement to any of its subsidiaries or affiliates (including affiliates controlled but not owned by University of Central Missouri or any trustees of University of Central Missouri).
- V. **Funding of Activities** – Activity Agreements should make financial costs and obligations explicit. Collaborating units are encouraged to work together to identify and secure any outside funding which may be needed. Projects requiring funding must be approved by both institutions.
- VI. **Nondiscrimination** - University of Central Missouri and GRIET-Hyd agree that no person shall on the grounds of race, religion, color, sex, age, national origin or ancestry, genetic information, marital status, parental status, sexual orientation, gender identity and expression, disability, or status as a veteran be excluded from participation under the terms of this Agreement.
- VII. **Use of Name** - GRIET-Hyd will not use the name of University of Central Missouri, nor of any member of University of Central Missouri's program staff, in any publicity, advertising, or news release without the prior written approval of an authorized representative of University of Central Missouri. University of Central Missouri will not use the name of GRIET-Hyd, or any employee of GRIET-Hyd, in any publicity, advertising, or news release without the prior written approval of GRIET-Hyd.
- VIII. **Modification** – The terms of this Agreement may be changed or modified only by written amendment signed by authorized agents of the parties hereto.
- IX. **Prevailing Language** - Should this document be executed in two languages, the English version of this Memorandum of Understanding represents the understanding of both Parties. Any other version is provided as a translation. In the event of conflict between the two versions, the English version will prevail.
- X. **Non-Binding** – This Agreement is non-binding and solely for the purpose of establishing a basis upon which University of Central Missouri and GRIET-Hyd will continue discussions. Either University of Central Missouri or GRIET-Hyd may at its sole discretion terminate discussions for any reason by giving written notice of termination to the other. In the case of a dispute that arises relating to any aspect of cooperation under this Agreement, the parties may attempt to resolve such dispute through friendly negotiation, or either party may elect to terminate the agreement pursuant to the previous provision. Upon termination, the parties will have no further obligations hereunder.
- XI. **Foreign Corrupt Practices Act** - University of Central Missouri and GRIET-Hyd represent and warrant to each other that they are aware of the requirements of the United States Foreign Corrupt Practices Act (the "FCPA") and that they will not, and will not allow their owners, employees, representatives, officers, directors, contractors or other agents to take any action in connection with this Agreement or any separate Program Specific Agreement to provide, offer or promise to provide, or authorize the provision directly or indirectly of, any money, gift, loan, service or anything of value to (i) any government official (or any agent, employee or family member thereof), (ii) any political party or candidate for political office, or (iii) any person, while knowing that all or a portion of such money or thing of value will be offered, given or



promised, directly or indirectly, to any of the foregoing in (i) or (ii), for the purpose of obtaining or retaining business or funding, to direct business or funding to any person or entity, or to secure any other improper advantage.

IN WITNESS WHEREOF, University of Central Missouri and GRIET-Hyd have executed this Agreement as of the date first above written.

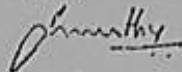
Signing for University of Central Missouri



11-Feb-2020
Date

Roger Best Ph.D.
President
University of Central Missouri

Signing for GRIET-Hyd



Dr. Jan Jhyala N Murthy
Director, GRIET-Hyderabad.

(name and title of counterpart at GRIET-Hyd.)

23-Jan-2020
Date

GOKARAJU RANGARAJU
Institute of Engineering and Technology
Bachupally, Kukatpally, Hyderabad-500 090



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NATIONAL PROGRAMME ON TECHNOLOGY ENHANCED LEARNING

A JOINT VENTURE BY INDIAN INSTITUTES OF TECHNOLOGY & INDIAN INSTITUTE OF SCIENCE



NPTEL

Coordinators

Prof. Andrew Thangaraj
Dept. of Electrical Engg.
IIT Madras

Prof. Prathap Haridoss
Dept. of Metallurgy and
Materials Engg.
IIT Madras

December 28, 2017

To
The Principal
GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING AND TECHNOLOGY
Bachupally, Kukatpally,
Hyderabad,
Telangana - 500090

Dear Sir/Madam,

Sub: Establishing NPTEL Local Chapter in your college

Greetings from the NPTEL office, IIT Madras.

This is to acknowledge the receipt of your letter accepting to host NPTEL Local Chapter in your institution.

The Single Point of Contact (SPOC) nominated from your college is

Name of SPOC: Dr.K.Prasanna Lakshmi
Designation: Professor
Department: Information Technology
Contact No(s): 9849547910
E-mail id: prasanna@griet.ac.in

We wish to inform you that all future correspondence related to NPTEL contents and online courses will be made to the afore-mentioned SPOC. He/she will be routinely updated with all the latest NPTEL initiatives which then may be circulated among the students.

We are also happy to share that a dedicated NPTEL Local Chapter web page is being created and your institution will have a separate page on it (<http://nptel.ac.in/LocalChapter>).

Thanking you.

Sincerely

Andrew Thangaraj



తెలంగాణ తెలంగాణ TELANGANA

S. No. 7148 Date: 07-04-2018

Sold to: Mr. C RICHARD KING

S/o. Mr. C.A.D. WILSON

For Whom: TATA CONSULTANCY SERVICES LTD.

K. Satish Kumar
M 628727
K. SATISH KUMAR
LICENSED STAMP VENDOR
LIC No. 16-05-059/2012,
R. No. 16-05-025/2018
Plot No. 227, Opp. Back Gate
of City Civil Court,
West Marredpally, Sec'bad.
Mobile. 9849355156



TATA CONSULTANCY SERVICES



Memorandum of Understanding
between
Tata Consultancy Services Ltd.
and

Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad

This Memorandum of Understanding (MoU) is entered into this 27th day of July 2018 by and between Tata Consultancy Services Limited, a company incorporated under the Companies Act, 1956 having its Corporate office at TCS House, Raveline Street, 21 D.S. Marg, Fort, Mumbai – 400 001 (hereinafter referred to as "TCS"), on the One Part.

and

Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad, established in the year 1997, an UGC Autonomous Institute, NAAC with 'A' Grade and NBA accredited, permanently affiliated to JNTUH, Hyderabad, situated at Bachupally, Kukatpally, Hyderabad – 500 090, Telangana, India, (hereinafter referred to as "the AIP Collaborating Institute").



Recitals

- a. TCS is in the business of Software development and Consultancy Services and other allied businesses for its Clients worldwide.
- b. Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad is part of Gokaraju Rangaraju Educational Society, established in the year 1997, offers 6 Under Graduate (B.Tech) and 9 Post Graduate (M.Tech) programs in Engineering.
- c. The purpose of this MoU is with reference to exploring the areas of cooperation, benefiting both **the AIP Collaborating Institute** and TCS.
- d. Following the tradition of India's most admired corporate group TATA, TCS has been involved in strengthening the Academic Community around the world through TCS - Academic Interface Programme (AIP). AIP has been involved in various programmes to bridge the gap between campus and corporate and thereby enhancing the employability of emerging workforce. Some of these activities are: Workshop for students, Faculty Development Programs for teachers, Student Awards to encourage healthy competition at colleges, Internship Training opportunity for students.
- e. And Whereas Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad has evinced keen interest in the said TCS Academic Interface Programme and offered to be a part of it as a collaborator.

NOW THIS MoU WITNESSETH as follows:

Areas of cooperation

1. TCS agrees to offer a package of TCS Academic Interface Programme, containing the following, to the AIP Collaborating Institute. TCS shall support the student and teacher communities through workshops, Faculty Development Programmes and student internships

Item No.	Item Description	Target per year
1.	Workshops for students	4
2.	Faculty Development Programmes	2
3.	Best Student Award	1
4.	Best Student Project Awards (maximum of 4 students in the team)	1
5.	Internship	For 2% of the students offered placement in TCS

2. **The AIP Collaborating Institute** shall explore the possibilities of supporting TCS in its learning, hiring and research requirements based on mutual convenience.



3. **Confidentiality:** Each party shall maintain complete confidentiality of any information of the other, disclosed during the term of this MoU ("Confidential Information"), either directly or indirectly in any form whatsoever including, but not limited to, in writing, in machine readable or other tangible form, orally or visually (subsequently reduced to writing). Both parties undertake to (i) hold all such Confidential Information in strictest confidence, (ii) not to disclose such Confidential Information either in whole or in part to any person other than those of its officers, employees and agents who need to know the Confidential Information for the purpose authorized hereunder provided that each such officer, employee or agent has agreed in writing to maintain the confidentiality of the Confidential Information in accordance with the terms hereof or (iii) not to use such Confidential Information for any purpose whatsoever save as may be strictly necessary for the performance of this MoU. This clause pertaining to confidentiality shall survive the term of this MoU and remain in full force and effect notwithstanding any termination of this MoU.
4. **Intellectual Property Rights:** IPR titles or ownership of any products, proprietary information or technology tools, processes, utilities, and methodology including any TCS proprietary products or components thereof used hereunder or development of any deliverables and all new ideas, inventions, innovations, or developments conceived, developed, contributed, distributed or made by TCS hereunder, and all customisations, enhancements and modifications thereof, will not be transferred from TCS to the AIP Collaborating Institute on account of use of the same as part of any work under this MoU and shall always remain with TCS.
5. 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 willful and grossly negligent act or omission of either of the parties.
6. Neither this MoU, nor any activities described herein, shall be construed as creating a partnership, joint venture, agency or other such relationship. Both parties agree that this MoU represents a nonexclusive relationship between the parties and nothing contained herein shall preclude either party from participating/initiating similar relationship with third parties.
7. Neither party shall issue any press release, public announcement or other such disclosure concerning this MoU without the other party's prior written consent as to such release or announcement.
8. This MoU may not be amended without the prior written consent of both the parties.
9. This MoU will be effective for three years from 01st April 2018 to 31st March 2021. This MoU can be renewed based on mutual convenience.
10. **Governing Law:** This MoU shall be governed by the laws of India and the Courts in Mumbai shall have exclusive jurisdiction.



11. **Termination:** Either party can cancel or terminate this MoU unilaterally (and without reason), by giving an advance written notice of one month to the other.
12. **Notices:** All notices, requests, demands and other communications under this MoU or in connection herewith shall be given to or made upon the respective parties as follows:

To TCS:

Tata Consultancy Services
TCS House,
Raveline Street, 21 D.S. Marg, Fort,
Mumbai - 400 001.

To the AIP Collaborating Institute: Gokaraju Rangaraju Institute of Engineering and
Technology
Bachupally, Kukatpally
Hyderabad - 500 090
Telangana, INDIA

or to such other person or addresses as any of the Parties shall have notified to the others.

All notices, requests, demands and other communications given or made in accordance with the provisions of this MoU shall be in writing by letter, fax or telegram.

13. **Tata Code:**

The business activities of TCS are self-regulated by the "Tata Code of Conduct." The AIP Collaborating Institute undertakes that it will endeavor to promptly report any violation or potential violation of the Code by any person to the **Local Ethics Counselor** or the **Principal Ethics Counselor** or the **CEO** of TCS. TCS, in turn, undertakes that it will maintain confidentiality of all communication received.

14. **FORCE MAJEURE:**

If either of the two parties is prevented, restricted, delayed or interfered by reason of:

- a) Fire, explosion, cyclone, floods, droughts, earthquakes, epidemics;
- b) War, revolution, acts of public enemies, blockage or embargo, riots and civil commotion;
- c) Any law, order, proclamation, ordinance or requirements of any Government or authority or representative of any such Government, including restrictive trade practices or regulations;
- d) Strikes, shutdowns or labour disputes which are not instigated for the purpose of avoiding obligations herein; Or
- e) Any other circumstances beyond the reasonable control of the party affected; then notwithstanding anything here before contained, the party affected shall be excused from its performance to the extent such performance relates to prevention, restriction, delay or interference and provided the party so affected used its best efforts to remove such cause of non-performances, and when removed the party shall continue performance with the utmost dispatch.



Each of the parties agrees to give written notice to the other party upon becoming aware of an Event of Force Majeure, and mentioning details of the circumstances giving rise to the Event of Force Majeure.

15. **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

IN WITNESS WHEREOF THE parties have set their hands hereto on the day and year first hereinabove written under their respective seal of office.



Authorised Signatory

Mr V Rajanna
Vice President & Regional Head
Global Head - Technology Business Unit
Tata Consultancy Services Ltd.
Hyderabad



Authorised Signatory

Dr. J Praveen
Principal
Gokaraju Rangaraju Institute of Engineering
and Technology (GRIET)
Hyderabad



Witnesses:



1. RICHARD KING CHATRAGADDA



2. (K. KOTESWARA RAO)