## Memorandum of Understanding

Between

## SHETTY INSTITUTE OF TECHNOLOGY (SIT)



## And

## **SHETTY INFRAVENTURE (SI)**



This Memorandum of Understanding is being entered into on this August 05 2019 by and between

## Purpose

This Memorandum of Understanding (MoU) establishes the terms and understanding between Shetty Institute of Technology and Shetty Infraventure to collaborate on certification courses, internship programs, and fieldwork opportunities for students.

## Scope of Collaboration

## 1. Certification Courses

- SI agrees to provide industry-relevant certification courses for students of SIT.
- The courses will cover topics in construction, infrastructure management, and related fields.
- SIT will facilitate the enrollment of students in these courses and provide necessary infrastructure for conducting classes.

## 2. Internship Programs

- SI will offer internship opportunities to students of SIT, providing them with practical experience in real-world projects.
- Internships will be structured to complement the academic curriculum and provide hands-on training.
- SIT will coordinate the selection process for internships and ensure that students meet the prerequisites set by SI.

## 3. Field Work

- SI will allow students of SIT to participate in fieldwork activities as part of their academic projects.
- Fieldwork will include site visits, project assessments, and participation in ongoing projects.
- SIT will oversee the fieldwork activities, ensuring that students adhere to safety and professional standards.

## Responsibilities of Shetty Institute of Technology

- Promote and facilitate student participation in the certification courses, internships, and fieldwork programs.
- Provide necessary academic support and guidance to students participating in these programs.
- Coordinate with SI to schedule courses, internships, and fieldwork activities in alignment with the academic calendar.

## Responsibilities of Shetty Infraventure

- Develop and deliver industry-relevant certification courses for students.
- Offer internship placements and fieldwork opportunities that provide meaningful learning experiences.
- Ensure a safe and conducive environment for students during internships and fieldwork.

## Duration

This MoU is effective from the date of signing and will remain in effect for a period of three years. It may be renewed or amended by mutual written agreement of both parties.

Either party may terminate this MoU with a 30-day written notice. In the event of termination, both parties agree to honor commitments to students already enrolled in programs under this MoU.

## Confidentiality

Both parties agree to maintain the confidentiality of any proprietary information shared during the collaboration.

## **Signatures**

## For Shetty Institute of Technology

Name: Dr. Ashok Kumar. Vanageri

Designation: Principal

Date: 05/08/2019

Signature Angus

For Shetty Infraventure

Name:

Designation:

Date:

Signature



## SHETTY INSTITUTE OF TECHNOLOGY, KALABURAGI

Date: 27/09/2019

## NOTICE

All the Students are hereby informed to attend the Certification course on "STAAD PRO" from 3-Oct-19 onwards in Seminar Hall without fail. Attendance will be recorded every day.

PRINCIPAL

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KALABURAGI

Copy to:

- 1) All the Department HOD's
- 2) Classrooms
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- 5) Circular File



## SHETTY INSTITUTE OF TECHNOLOGY KALABURAGI



## **CERTIFICATION COURSE**

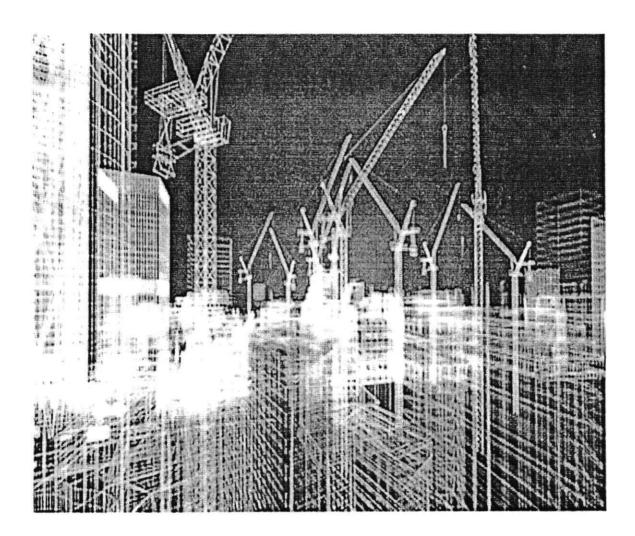
## **SYLLABUS**

**ACADEMIC YEAR 2019-2020** 

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## SHETTY INSTITUTE OF TECHNOLOGY KALABURAGI



STAAD PRO



## STAAD Pro

## Course Objectives:

- Understand the basics of STAAD Pro
- · Learn how to create and analyse structural models
- Design basic structures using STAAD Pro

## **SYLLABUS**

## 1. Introduction to STAAD Pro

- What is STAAD Pro?
  - Overview of the software
  - Key features and capabilities
- Installing and Setting Up
  - o How to install STAAD Pro
  - Setting up the workspace

## 2. Basic Modelling

- Creating a Model
  - Drawing basic structural elements (beams, columns, etc.)
  - Defining material properties
- · Geometry and Coordinates
  - Setting up the coordinate system
  - o Inputting geometric data

## 3. Loading and Analysis

- · Applying Loads
  - Types of loads (dead loads, live loads, wind loads, etc.)
  - How to apply loads to the model
- Running Analysis
  - Performing structural analysis
  - o Interpreting analysis results



## 4. Design and Optimization

- Design Basics
  - Introduction to design codes and standards
  - Designing structural elements (beams, columns, etc.)
- · Optimization Techniques
  - Improving design efficiency
  - o Using STAAD Pro tools for optimization

## 5. Advanced Modelling

- Advanced Features
  - Introduction to advanced modelling techniques
  - Using STAAD Pro for complex structures
- · Practical Examples
  - Working on real-world examples and projects

## 6. Review and Final Project

- · Reviewing Key Concepts
  - o Summary of key points covered in the course

\* OFFICE

Shetty Institute of Actinology
KALABURAGI



# SHETTY INSTITUTE OF TECHNOLOGY

Shetty Education Hub, Shahabad Rd, Kalaburgi, Karnataka 585105



# IN ASSOCIATION WITH SHETTY INFRA VENTURE

# CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Ms SHARANA GOUDA, Register No 3TS16CV034 Has successfully completed Soft Skills Training Course on STAAD PRO for the Year 2019-20 Conducted by Shetty Infra Venture



CHAIRMAN



# SHETTY INSTITUTE OF TECHNOLOGY

Shetty Education Hub, Shahabad Rd, Kalaburgi, Karnataka 585105



# IN ASSOCIATION WITH SHETTY INFRA VENTURE

## CERTIFICATE OF PARTICIPATION

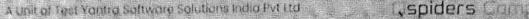
This is to certify that Mr./Ms SOUMYA V.S, Register No 3TS16CV035 Has successfully completed Soft Skills Training Course on STAAD PRO for the Year 2019-20 Conducted by Shetty Infra Venture



CHAIRMAN

Shetty Institute of Technology
KALABURAGI

## plant CampusConnect



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## MEMORANDUM OF UNDERSTANDING

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This agreement is made & executed on this day of 16th February 2019 between "Ospiders Campus Connect a unit of Test Yantra Software Solutions India Pvt Ltd" Having its corporate office at 01. Basapua Layout, Gavipuram Exth, Gavipuram Extention, Kempegowda Nagar, Bengaluru, Karnataka 560019 Here in a after referred to as the "QCC" which expression shall mean and include its heirs, legal representatives. executors, successors in interest, administrators and assignees etc. of the one part

And it is a first that the second of the sec

"Shetty Institute of Technology, Shahbad Rd, Rajapur, Gulbarga, Karnataka 585105. Herein III formerly referred to as the "SIT" which expression shall mean and include its heirs, representatives. executors, successors in interest, administrators and assignees etc. of the other part.

Objective: The Objective of this MOU is to provide Technical & Non-Technical Grooming to SIT Students the the first of the case of the second of

- General Terms of MOU: 1. Participating Campus: Following campus of SIT Students are entitled to undergo for training and placements.
  - 2. Structure of Training Schedule.
    - a) Training Module:

QCC has designed Technical & Non-Technical Centre of Excellence training module for students of SIT in accordance to industry requirements

Training plan are specified in Annexure

b) Eligibility:

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Students from BE 2019 passing out batch are eligible for the training program.

- SPOC and Trainer Deployment:
  - a) Training will be delivered Offline @ SIT Campus.
  - b) Trainers having multiple skills are used to train on requested skills.
  - c) QCC will use in-house trainers and the first that the second of the s

d) Primary SPOC: The Primary SPOC And the Primary S

9513684738 devikarani.l@qspiders.com

- e) Secondary SPOC: Sandhya
- f) Any change in training co-ordinator will be communicated.



9513684738 / 9663035838 / 8951922950



Into@compus aspiders.com



01, Hayavadana Rao Rd, Basappa Layout, Gavipuram Extention. Kempegowda Nager, Bengaluru, Karnataka 560019

## Onphiles CampusConnect





Each party agrees that it shall not, at any time, after executing the activities of this MOU, disclose any information in relations to these activities or the allairs of business or method of carrying on the business of the other without consent of both parties.

Extension of Agreement:

The MQU may be extended provided the parties agree upon, and can provide the necessary resources and the second of th

Communications:

· All notice, demands and other communication under this agreement in connection herewith shall be written in English language and shall be sent to the last known address, email, or fax of the concerned party. Any notice shall be effective from the date on which it reaches the other party.

## Terms and Conditions:

1.1 General Terms:

- 1. OSpiders will not involve with any training activities apart from StT campus, & for those colleges in Gulbarga [H-K Region] which is mutually specified by SIT over the agreed period & after the graduation students are set free to visit QSpiders (For Training & Placements for commercials
  - 2. SIT is allowed to use the Logo, Name & Website link of Ospiders/ISpiders

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1.2 Hiring Terms:

1. SIT cannot hire the current employees of QCC and its group of companies Test Yantia GSpiders and ISpiders, in such case SIT need to seek NOC from QCC

- 2. Sit cannot hire the employees worked QCC and its group of companies fest Yantsa OSpiders, JSpiders and got relieved from his/her employability within 3 years. Missimum gap should be 3 years and more
  - SIF cannot hire employees of QCC and its group companies Test Yantra, QSpiders JSpiders in any of the below forms
    - As a Permanent Employee of SIT
      - b. As a Contract-Employee of SIT in the same of the sa
    - c = As a part time employee or daily wages employee of SIT
- As a consultant to StT at the Board of the services of the ser
  - Burect or indirect association with ex employee is not allowed in



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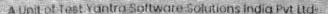


Info@campus.qspiders.com



Kempegowda Nager, Bengaluru, Karnataka 560019

## **Espiders CampusConnect**





## 11. Training Content and Delivery Terms:

- 1 Training Head or Coordinator from QCC will meet academician of SIT to formalize and finalize the training content mutually.
- Training content is finalized and approved, in future any changes in technology can be modified.
- 3. The training content which is agreed mutually by QCC and SIT will be delivered by QCC
- Additional training apart from the agreed content, is recommended/requested by any SIT gampus will be charged additionally based on subject and its content/Apart from FDP & Workshop!
- 12. Training Mode-Agreed Technical & Non-Technical Training will be conducted offline @ SIT Campus only
- 13. Workshop-Along with the agreed training students will also have separate 1-2 days of workshop every year/sem require
- 14. Placements-Placement assistance are provided for all the students who gets trained from QSpiders & unplaced students after the graduation who has been trained by QSpiders @ SIT Campus can visit any branch of QSpiders for further brush on the subjects covered in SIT campus by QSpiders & can avail placement assistance (for which no commercials involved)

## a. Payment Terms:

## Training Payment Terms:

1. Training fee is charged to all the students who enrolled for training program.

## Tax Terms

- 1 GST will be paid as per mutual agreement, based on the invoice raised by QCC
- 2. SIT will be paying 18% GST.
- 3. All the payment done by SIT campus, TDS will be applicable and TDS statement to be provided to QCC quarterly

## h Evit terms

- 1 The minimum locking period for this agreement will be 1 year from the date of signing
- 2. Both the parties can exit from the agreement if other party services are not satisfied.

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- If QCC wished to exit the agreement, it will complete the current running training schedule and then exit.
- 4. If QCC wished to exit the agreement, advance amount shall not be refundable and also any additional training fee has to be paid by SIT till the date of termination of agreement.



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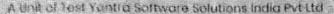


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## Osciders CampusConnect





## 15. Arbitration:

Any dispute arising with regard to any aspect of this Agreement shall be settled through multial consultations and agreements by the parties to the Agreement. On All disputes, questions or differences etc., arising in connection with this agreement Shall be referred to a sole arbitrator to be nominated by both the Parties. The arbitration proceedings shall be in accordance with 8 subject to Arbitration and Conciliation Act. 1996. The award of the arbitrator shall be final and binding on all parties to this agreement. The venue of such arbitration shall be at Gulbarga.

Annexires Enclosed.



For

SIT. Kalburgi

**QSpiders Campus Connect** 

Name: L Devika Rani Shelke

Designation: Principal

Designation: QSpiders Campus Business Manager

## Annexure-

|            | Subject |                  |  |    |      |     |      |     |    |        | 44.   | No of Hours |    |      |      | Total Days[6hrs/day] |      |    |   |     |       |          |      |           |     |   |   |    |    |     |
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## SHETTY INSTITUTE OF TECHNOLOGY, KALABURAGI

Date: 26/06/2019

## **CIRCULAR**

All the Students are hereby informed to attend the Certification course on "ADVANCED C AND C++" from 1-Aug-19 in Seminar Hall. Attendance will be recoreded.

4:00

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KALABURAGI

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## SHETTY INSTITUTE OF TECHNOLOGY KALABURAGI



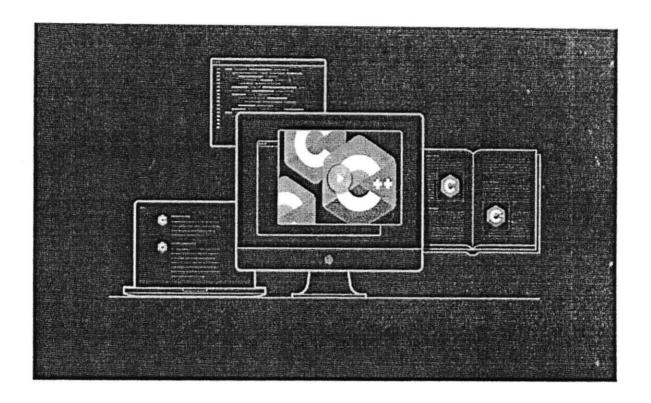
## **CERTIFICATION COURSE**

## **SYLLABUS**

**ACADEMIC YEAR 2019-2020** 



## SHETTY INSTITUTE OF TECHNOLOGY KALABURAGI



ADVANCED C AND C++



## ADVANCED C AND C++

## Course Objectives:

- Master advanced features of C and C++
- · Develop efficient and optimized code
- Understand and implement complex data structures

## **SYLLABUS**

## Advanced C Programming

- 1. Pointer Arithmetic and Memory Management
  - Pointer arithmetic
  - Dynamic memory allocation (malloc, calloc, realloc, free)
  - Memory leaks and debugging tools
- 2. File I/O and Manipulation
  - o File handling in C (fopen, fclose, fread, fwrite, fprintf, fscanf)
  - Binary vs. text file operations

## Advanced Data Structures in C

- 1. Linked Lists and Other Structures
  - Linked lists (singly, doubly)
  - Stacks and queues
- 2. Bitwise Operations and Macros
  - o Bitwise operators and manipulation techniques
  - Pre processor directives and macros

## Advanced C++ Programming

- 1. Object-Oriented Programming in Depth
  - Class design and inheritance
  - Polymorphism and abstract classes
- 2. Templates and Exception Handling
  - Function and class templates
  - Basics of exception handling (try, catch, throw)



## Advanced Data Structures in C++

- 1. STL Containers and Iterators
  - STL containers (vector, list, deque)
  - Iterators and algorithms
- 2. Smart Pointers and Memory Management
  - Smart pointers (unique\_ptr, shared\_ptr)
  - o RAII (Resource Acquisition Is Initialization)

## System-Level Programming and Optimization

- 1. Multithreading and Concurrency
  - POSIX threads and C++11 threading basics
  - Mutexes and thread synchronization
- 2. Performance Optimization and Debugging
  - Profiling and benchmarking
  - Debugging tools (gdb, valgrind)



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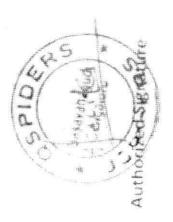
## CERTIFICATE

of Participation

This certificate is proudly presented to:

## ASHWINI (3TS18CS002)

Congratulations on Successfully Completing Training Program on ADVANCED C AND C++ at Q Spiders for 2019-20 Students







## CERTIFICATE

of Participation

This certificate is proudly presented to:

# GADIPAVANKALYAN (3TS18CS005)

Congratulations on Successfully Completing Training Program on ADVANCED C AND C++ at Q Spiders for 2019-20 Students







## SHETTY INSTITUTE OF TECHNOLOGY, KALABURAGI

Date: 6/9/2019

## CIRCULAR

All students are informed that they must attend the Certification course on "INNOVATIVE DESIGN THINKING" beginning on September 16th, 2019 in the Seminar Hall. Each day, attendance will be recorded.

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KALABURAGI

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## SHETTY INSTITUTE OF TECHNOLOGY KALABURAGI



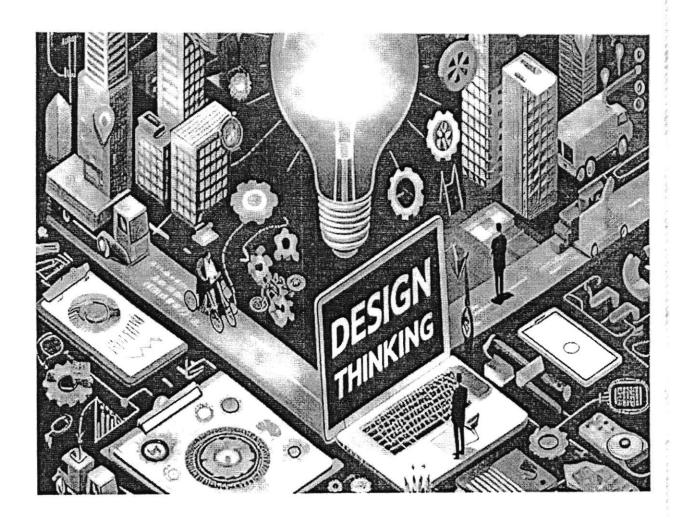
## **CERTIFICATION COURSE**

## **SYLLABUS**

**ACADEMIC YEAR 2019-2020** 



## SHETTY INSTITUTE OF TECHNOLOGY KALABURAGI



INNOVATIVE DESIGN THINKING

Shetty Institute of Technology



## INNOVATIVE DESIGN THINKING

## Course Objectives:

- Learn the steps of design thinking
- · Understand user needs and problems
- · Generate creative ideas and solutions
- Build and test prototypes

## **SYLLABUS**

## 1. Introduction to Design Thinking

## What is Design Thinking?

- Basics and importance of design thinking
- The five steps: Empathize, Define, Ideate, Prototype, Test

## 2. Empathize

## > Understanding Users

- The How to talk to users and gather information (interviews, surveys)
- Creating empathy maps to visualize user feelings and needs

## > Gathering Insights

- Identifying user problems and needs
- Creating user personas to represent different types of users

## 3. Define

## > Defining the Problem

- Writing clear problem statements
- Creating point of view statements to focus your design efforts

## 4. Ideate

## > Generating Ideas

- Brainstorming techniques to come up with lots of ideas
- Encouraging creativity and thinking outside the box

## > Selecting Ideas

Choosing the best ideas using criteria and evaluation methods

## 5. Prototype

## Building Prototypes

- Creating simple models of your ideas (low-fidelity and high-fidelity prototypes)
- Techniques for rapid prototyping

## - Iteration

- Improving prototypes based on feedback
- o The importance of failing fast and learning from mistakes





## CERTIFICATE of Participation

This certificate is proudly presented to:

## **TANUJA** (3TS18CV024)

Congratulations on Successfully Completing Training Program on INNOVATIVE DESIGN THINKING at Q Spiders for 2019-20 Students







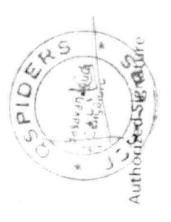
## CERTIFICATE

of Participation

This certificate is proudly presented to:

## VAISHALI (3TS18CV025)

Congratulations on Successfully Completing Training Program on INNOVATIVE DESIGN THINKING at Q Spiders for 2019-20 Students







## SHETTY INSTITUTE OF TECHNOLOGY, KALABURAGI

Date: 29/10/2019

## **CIRCULAR**

All the Students are hereby informed to attend the Certification course on "LOGICAL REASONING APTITUDE" from 4-Nov-19 onwards in Seminar Hall without fail. Attendance will be taken every day.

Copy to:

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## SHETTY INSTITUTE OF TECHNOLOGY **KALABURAGI**



## **CERTIFICATION COURSE**

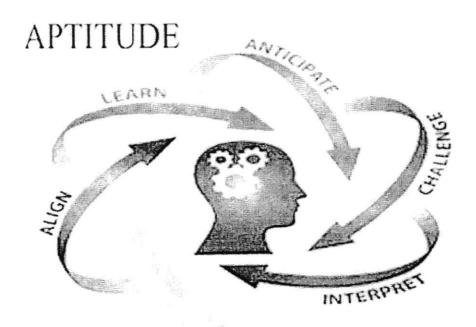
## **SYLLABUS**

**ACADEMIC YEAR 2019-2020** 

KALARHBABI



## SHETTY INSTITUTE OF TECHNOLOGY KALABURAGI



## LOGICAL REASONING APTITUDE

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## LOGICAL REASONING APTITUDE

## Course Objectives:

- · Understand different types of logical reasoning questions
- Develop strategies to solve logical reasoning problems
- · Improve critical thinking and analytical skills

## **Syllabus**

## 1. Introduction to Logical Reasoning

- · What is Logical Reasoning?
  - Definition and importance
  - Different types of logical reasoning (deductive, inductive, abductive)

## 2. Analytical Reasoning

- Patterns and Sequences
  - Identifying patterns in numbers and letters
  - Completing sequences
- Series and Analogies
  - Understanding and solving series
  - o Finding analogies and relationships between elements

## 3. Deductive Reasoning

- Syllogisms
  - Understanding syllogisms and logical arguments
  - Solving syllogism problems
- Logical Deductions
  - o Drawing conclusions from given premises
  - Using logic to solve problems

## 4. Inductive Reasoning

- Classification
  - Grouping items based on common properties
  - Identifying the odd one out
- Cause and Effect
  - Understanding causal relationships
  - Solving problems based on cause and effect

## 5. Logical Puzzles

- Grid Puzzles
  - Solving grid-based logical puzzles





- Using elimination and deduction
- Arrangement Puzzles
  - Solving puzzles involving arrangements of people, objects, or events
  - Strategies for solving complex arrangement problems

## 6. Critical Thinking

- · Assumptions and Conclusions
  - Identifying assumptions in arguments
  - Drawing logical conclusions
- Evaluating Arguments
  - Analyzing the strength of arguments
  - dentifying fallacies and biases





## CERTIFICATE

of Participation

This certificate is proudly presented to:

## SHAMBAVI (3TS19CS017)

Congratulations on Successfully Completing Training Program on LOGICAL REASONING APTITUDE at Q Spiders for 2019-20 Students







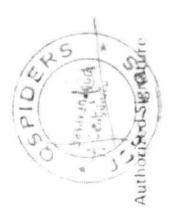
## CERTIFICATE

of Participation

This certificate is proudly presented to:

## **SHRUTI (3TS19CS018)**

Congratulations on Successfully Completing Training Program on LOGICAL REASONING APTITUDE at Q Spiders for 2019-20 Students







Apsuja Infratech Pvt Ltd 2<sup>nd</sup> floor, Plot #313, Ayyappa Society, Madhapur, Hyderabad 500081, TS +91 40 485 22977

Date: 06th February 2019

## MEMORANDUM OF UNDERSTANDING

## **BETWEEN**

## APSUJA Infratech Private Limited APSUJA APSUJA

## **AND**

Shetty Institute of Technology (SIT)





## Apsuja Infratech Pvt Ltd

2<sup>nd</sup> floor, Plot #313, Ayyappa Society, Madhapur, Hyderabad 500081, TS +91 40 485 22977

#### REAMBLE

APSUJA Infratech Private Limited is Hyderabad based company, providing combine passion with insight to deliver specialist turnkey solutions. The team of experienced professionals offering capabilities from design to completion of oil and gas, marine, civil infrastructure, and renewables. Built on a foundation of design, fabrication and construction expertise, and bolstered by our network of partners, APSUJA provides end-to-end EPC services for a wide range of projects.

Shetty Institute of Technology, having expertise in the areas of technological education and research, having its office at Shahabad Road, Kalaburagi- 585105, Karnataka, hereinafter referred to as SIT

#### ARTICLE-I: Scope of the MOU

This MOU details the modalities and general conditions regarding collaboration between SIT and APSUJA Infratech Private Limited for enhancing, within the country, the availability of highly qualified manpower in the areas of engineering, technology and sciences without any prejudice to prevailing rules and regulations in SIT and APSUJA Infratech Private Limited without any disregard to any mechanism evolved and approved by the competent authorities under Govt. of India in so far as such mechanism applies to SIT and APSUJA Infratech Private Limited. The areas of cooperation can be extended through mutual consent.

#### ARTICLE-II: Scope and Terms of Interactions

Both SIT and APSUJA Infratech Private Limited. shall encourage interactions between the Engineers, Scientists, Research fellows, faculty members and students of both the organizations through the following arrangements:

- a) Exchange of personnel through deputation as per the rules of the respective institute, for limited periods as mutually agreed upon;
- c) Practical training of SIT students at APSUJA Infratech Private Limited;
- d) Joint guidance of student projects/thesis in Quality Improvement, Software Process and Project Management, Process automation and security mechanisms and related fields etc. and other areas of national interest at SIT by APSUJA Infratech Private Limited on mutually agreeable terms.
- e) APSUJA Infratech Private Limited would accommodate B. Tech students who have completed the 6th semester of their programme in such a number that APSUJA Infratech Private Limited deems convenient to it for the purpose of imparting industrial training.
- f) APSUJA Infratech Private Limited may depute its personnel as visiting faculty at SIT to teach any of the regular Course or specialized topics.

# APSUJA

## Apsuja Infratech Pvt Ltd

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- g) APSUJA Infratech Private Limited personnel, as well as research scholars, may also be allowed to use library or any other infrastructural facilities at SIT, subject to availability of research facilities and subject to their fulfilling eligibility criteria and all other academic regulations of SIT. Further, APSUJA Infratech Private Limited may request to design and teach a Course or Courses which it deems fit to enhance quality and performance of its employees. Such Courses maybe run at any mutually convenient premises.
- h) APSUJA Infratech Private Limited may seek assistance/guidance of SIT faculty member/s in product/process modification, modernization, trouble shooting, etc.
- Would allow the industrial visits of students for half/full day to provide them with an exposure to various equipment, instrument, etc.
- j) APSUJA Infratech Private Limited may conduct recruitment drives based on their requirement at SIT campus.
- k) APSUJA Infratech Private Limited may avail library, Internet, computational facilities at SIT.
- There will be no restriction on the contents of the projects and on publication of results of the thesis, subject to the condition that no Intellectual Property Rights can be secured for any part of the work which will be decided with mutual consent.
- m) 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 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.
- n) Research supervisors from both the Parties/Institutions 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.
- o) Neither of the supervisors will publish the work carried out under this MoU without knowledge of the other.
- p) In any of the activities mentioned above, wherever financial aspects are involved, amount, payment conditions, etc. would be spelt out clearly before starting the activity.

## ARTICLE-III: Sharing of Facilities

a) SIT and APSUJA Infratech Private Limited shall make provisions to share their respective important R&D facilities in order to promote academic and research interaction in the areas of cooperation.



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- b) SIT and APSUJA Infratech Private Limited shall permit the sharing software and other materials, and components developed in-house in the areas of cooperation, if permissible within the rules governing the two institutions. However, responsibility for safety of software and other materials during the exchange will rest on respective Head of academic department/section.
- c) SIT and APSUJA Infratech Private Limited shall provide access to the library facilities to scientists, members of faculty and students as per the prevailing rules and norms in the respective institutes.

## ARTICLE-IV: Co-ordination of the Program including Financial Arrangements

- a) The collaborative programme between SIT and APSUJA Infratech Private Limited shall be coordinated by a coordination committee appointed by Directors of both the Institutes.
- b) 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.

#### ARTICLE-V: Effective Date and Duration of MOU

- a) This MOU shall be effective from the date of its approval by competent authorities at both ends.
- b) The duration of the MOU shall be for a period of 5 years from the effective date.
- c) During its tenancy, the MOU may be extended or terminated by a prior notice of not less than six months by either party. However, termination of the MOU will not in any manner affect the interests of the students/faculty/scientists who have been admitted to pursue a programme under the MOU.
- d) Any clause or article of the MOU may be modified or amended by mutual agreement of APSUJA Infratech Private Limited and SIT.

#### ARTICLE-VI: IPR

Rights regarding publications, patents, royalty, ownership of software/design/product developed etc. under the scope of this MOU, shall be decided by the two parties by mutual consent.

#### ARTICLE-VII: Confidentiality

During the tenure of the MOU both SIT and APSUJA Infratech Private Limited will maintain strict confidentiality and prevent disclosure of all the information and data exchanged under the scope of this MOU for any purpose other than in accordance with this MOU. Both SIT and APSUJA Infratech Private Limited shall bind their respective personnel who come into possession or knowledge of any confidential information not to disclose the same to third parties without written approval of the disclosing party or use such confidential information for any use other than intended under this agreement. Further both SIT and APSUJA Infratech



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Private Limited shall put in place adequate and reasonable measures to keep and store confidential information secure so as to prevent any unauthorized use.

Confidential Information shall mean any proprietary information, data or facts belonging to Parties collectively or severally, disclosed by the disclosing party under this agreement or any subsequent agreement, whether in writing, verbal or electronically, irrespective of the medium in which such information is stored, which is marked confidential or with any other words having similar meaning by the disclosing party, or specifically agreed to be kept confidential by the parties, or declared or identified so by the disclosing party before such disclosure or during the discussions. However confidential information shall not include any data or information which:

- (a) is or becomes publicly available through no fault of the receiving party,
- (b) is already in the rightful possession of the receiving party prior to its receipt of such data or information;
- (c) is independently developed by the receiving party without reference to the confidential information of the disclosing party
- (d) is rightfully obtained by the receiving party from a third party or is in the public domain
- (e) is disclosed with the written consent of the party whose information it is, or
- (f) is disclosed pursuant to court order or other legal compulsion, after providing prior notice to the disclosing party.

#### ARTICLE-VIII: Amendments

Any amendment and/or addenda to the agreement shall be in writing and signed by the parties hereto and shall only after such execution be deemed to form part of the agreement and have the effect of modifying the agreement to the extent required by such amendment or addenda.

## ARTICLE-IX: Resolution of Disputes

- a) This agreement shall take effect and be construed in accordance with the Laws of India and be subject to the jurisdiction of the courts at Hyderabad.
- b) The dispute or difference whatsoever arises between parties in relation to or in connection with this agreement both the parties shall first try to resolve the dispute/difference amicably between them, failing which the matter shall be referred to and settled through arbitration. The arbitration proceedings shall be held in accordance with the provision of Indian Arbitration and Reconciliation ACT, 1996. The venue of arbitration shall be Hyderabad and Language of arbitration shall be English.

#### ARTICLE-X: Miscellaneous

a) The headings and sub-headings are inserted for convenience only and shall not affect the construction of this Agreement.

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b) Both SIT and APSUJA Infratech. shall not, during the term of this Agreement directly or indirectly, solicit or offer employment or engagement to any of the personnel of other party without the prior consent in writing of that other party.

- c) No failure to exercise and no delay in exercising, on the part of a Party, and right, remedy, power or privilege hereunder shall operate as a waiver thereof, nor shall any single or partial exercise of any right, remedy, power or privilege hereunder preclude any other or further exercise thereof or the exercise of any other right, remedy, power or privilege. The rights, remedies, power and privileges herein provided are cumulative and not exclusive of any right, remedies, powers and privileges provided by law.
- d) After this Agreement has been signed, all preceding understandings/negotiations and correspondence pertaining to it shall become null and void.

In Witness Where of Parties Here to have Entered into this Agreement Effective as on the Date- 16th-February-2019 and valid for a period of 5 Years and may get extended on mutual consent.

APSCIA Infratech Private Limited

Witness

Shetty to

Witness

1.

2.

Date: 06 | 02 | 2019

1. XI. 2. BAT

Date: 06 |02 |2019



Date: - 15/09/2021

## -: NOTICE:-

All the Students are here by informed to attend the seminar on "FUEL-CELLS- OVERVIEW AND CHALLENGES" on 17/09/2021 at 11:00 AM is organized by Training & Placement Cell.

Venue: Seminar Hall

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Shetty Institute of Technology
KALABURAGI

Copy To,

1. Principal

2. Training and Placement Cell

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| Shetty Institute of Technology, Kalaburagi   |   |  |  |
|--|---|--|--|
| Date of Activity: 17/09/2021   | Time Slot: 11:00 AM to 1:00 PM              |  |  |
| Activity Name :- "Fuel-Cells- Overview And Challenge   | es"   |  |  |
| Organizing Committee :- Training & Placement Cell  | Resource Person : Mr. Nikhil Kumar          |  |  |
| S and a second s | Resource reison . Ivii. Ivikiiii Ruillai    |  |  |
| Total Number of Students Attended: 25  | Report Generated by: Training and Placement |  |  |

## **OBJECTIVES:-**

- 1. Provide a comprehensive understanding of fuel cell technology and its principles.
- 2. Discuss the various types of fuel cells, including proton exchange membrane (PEM) and solid oxide fuel cells (SOFC).
- 3. Explore the applications of fuel cells in transportation, stationary power generation, and portable devices.

## PROGRAM ACTIVITY:-

On September 17, 2021, Shetty Institute of Technology organized a session titled "Fuel Cells: Overview And Challenges" under the guidance of the Placement Cell. The session was conducted by Mr. Nikhil Kumar and was attended by 25 students.

Mr. Nikhil Kumar provided an in-depth overview of fuel cell technology, covering its principles, types (such as PEM and SOFC), and applications in various sectors including transportation and power generation. He discussed the environmental benefits of fuel cells and the challenges hindering their widespread adoption, such as cost and infrastructure requirements. The session concluded with a discussion on current research and innovations aimed at addressing these challenges.

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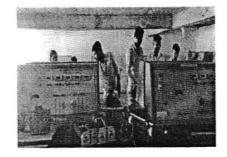
The program was informative and engaging, offering students insights into the potential of fuel cells in sustainable energy solutions and inspiring them to explore career opportunities in this evolving field.

#### **OUTCOMES: -**

- Enhanced Understanding: Students gained a comprehensive understanding of fuel cell technology, including its principles and various types.
- Awareness of Applications: Increased awareness of the diverse applications of fuel cells in transportation, stationary power generation, and portable devices.
- Environmental Perspective: Understanding of the environmental benefits of fuel cells, such as reduced greenhouse gas emissions and enhanced energy efficiency.

#### Photos:





Students attended the seminar on "Fuel-Cells- Overview And Challenges"

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Name of the Event: Fuel-Cells- Overview And Challenges

Oraganizing Cell: Placement Cell

Date: 17/09/2021

## ATTENDANCE SHEET

| SL.NO | Name of the Student  | Department |
|-------|----------------------|------------|
| 1     | Dharampal            | EE         |
| 2     | Praveen Kumar        | EE         |
| 3     | Amareshwari          | EE         |
| 4     | Madhumati            | EE         |
| 5     | Mallikarjun B        | EE         |
| 6     | Pavitra B C          | EE         |
| 7     | Rakesh               | EE         |
| 8     | Sharanayya mathpathi | EE         |
| 9     | Ajay patel           | EE         |
| 10    | Pooja chavan         | EE         |
| 11    | Abhishek kalyani     | EE         |
| 12    | Aishwarya            | EE         |
| 13    | Ajith B Pasodi       | EE         |
| 14    | Babar Hussain        | EE         |
| 15    | Kaveri S Bagali      | EE         |
| 16    | Vishal               | EE         |
| 17    | Yuvaraj              | EE         |
| 18    | Akash                | EE         |
| 19    | Ambika               | EE         |
| 20    | Arunkumar            | EE         |
| 21    | Chandraguptamoury    | EE EE      |
| 22    | Chidanand shinde     | EE<br>EE   |
| 23    | Harsha               | EE<br>EE   |
| 24    | Mahammadhasnain      | EE EE      |
| 25    | Mallikarjun          | EE EE      |

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## MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding ("MOU") is intended to outline a proposed understanding between **Technumen Systems Private Limited**, hereinafter referred to as '**Technumen**' having its registered office at Hyderabad and **Shetty Institute Technology**, hereinafter referred to as '**SIT**', having its office Shahabad Road, Kalaburagi- 585105, Karnataka.

NOW, THEREFORE, in order to ensure that the discussions and evaluations between parties regarding the interaction that is sought does not create any confusion or misunderstandings, the following items represent points that require the parties' agreement and will facilitate these evaluations, engagements and discussions.

## Roles and Responsibilities

The proposed roles and responsibilities of the parties in connection with the various interactions as follows.

## 1. Knowledge Participation and Sharing

- Technumen may involve its Subject Matter Expert/s (SME) in conducting knowledge-based workshop/s on trending technologies and other matters of mutual interest; participate in teaching activities along with a faculty of SIT as per the calendarized schedule of the classes or interact with students by delivering talks as industry guest speaker/s, on topics of mutual interests.
- Technumen may participate in providing inputs to the curriculum structure and in related discussions from time to time so as to keep the contents and syllabus up to date.
- Technumen may provide SIT access to (or even share) case studies and other materials of interest that add value to teaching or researchoriented activities.

## 2. Co-Creation of New Knowledge

 Technumen may wish to co-create knowledge involving Faculty and/or Students from SIT in the form of research papers, white papers, developing industry level frameworks that enable industry to understand new concepts and do joint research in areas of mutual interests.

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If the terms of this MoU are inadequate to protect business or intellectual interests of either party, both parties may prefer to enter into a separate agreement that explicitly takes care of those specific interests of each party.

#### 3. Participation as Member in Advisory Board of Studies

- SIT may invite representative/s of the Technumen to join the advisory board of studies to suggest / make recommendations to the structuring of the curriculum and/or facilitate in the creation and delivery of a course content.
- SIT shall, in its sole discretion, decide whether or not to implement or act on such recommendations and Technumen shall have no liability or responsibility if SIT acts on/implements or relies in such recommendations.

#### 4. Projects

- From time to time, Technumen may provide short term Projects (for a specific duration of time) for students to perform them as part of the academic curriculum.
- Students of SIT may apply for working on these projects subject to the terms and conditions that is mutually agreed upon between SIT and Technumen. Technumen will pre-assess student/s before allowing them to work on the project.
- Technumen will not be respondible to provide infrastructural needs, and other accommodation needs as a part of the project / internships offered. However, in exceptional cases where accommodation is needed, such information will be discussed beforehand.
- · Any access to Technumen's (or that of its clients') data, tools and technologies, software or infrastructure needs to be used for the purpose of the project and cannot be shared outside of Technumen.
- Students may be involved in 'live' projects that the company may be already working on (on-going projects) or intends to work on in future (currently in negotiation with customers).
- Technumen may be invited to jointly assess student performance of the said project.

#### 5. Placements:

- Technumen will be given preference in the campus placement process for summer or final placement of the students.
- Both parties will work together to enhance the employability of SIT graduates by providing necessary training and development opportunities.

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#### 6. Role of SIT

- Where faculty support or time is mandated for successful execution of the above listed engagements, the same will be provided.
- SIT will provide the necessary physical audio-video infrastructure for successful delivery of tech session/workshop.
- SIT will provide visibility to the students of the forthcoming sessions/workshops to be conducted by Technumen.
- SIT will ensure that students attempt to complete the project undertaken
  if selected for the project by Technumen, as part of the academic
  evaluation.
- SIT will provide preferential and necessary support to the company in the form of sharing students' valid profiles and enabling company's process for campus hiring for summer or final placements.
- SIT will provide accommodation and travel charges to the company's team whenever there is a need to visit the campus and/or students.

#### Termination

This MoU will expire after five years from the date of signing, unless extended on mutual consent or terminated earlier. If at any time either party wishes to withdraw from further evaluations, engagements and discussions in connection with the subject matter of this MoU and terminate this MoU, it may do so with or without cause and without liability by providing the other party with a written notice of at least 90 days about its intention to withdraw from further evaluation and discussions. In such a case, this MoU and all discussions, proposals, term sheets, draft agreements and other similar materials that were part of this MoU will be null and void. This MoU can be extended further for a similar period or as per new understanding, upon written agreement by both the parties.

## Confidentiality

Contents of this MoU and the provision of services contemplated hereby will be kept confidential and will not be disclosed to any third party unless it is required to be done so under the laws of the land or, the part wanting to disclose part or all of the contents of this MoU seeks explicit written approval from the other party prior to making such disclosure.

The parties acknowledge that the exchange of confidential information in connection with this MoU will be governed by the terms and conditions of Agreement for Exchange of Confidential Information, attached here to as

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#### Annexure-I.

## Limitation of Liability

The parties agree that (i) the activities intended by this MoU may not be successfully completed; (ii) the results achieved may not be as anticipated; and (iii) these activities may not lead to any announced or generally available or limited offering. Any decision by any party to forego, or engage any other business opportunity, to alter or supplement any business plan of direction, or to make any investment in anticipation of the consummation of any transaction contemplated hereunder, is at the sole discretion of the party electing to do so, and will not create any actual or potential liability or any obligation for the other party, even if that party is aware of, or has been informed of, or has indicated approval of, or any such action, decision, or election.

Except for a breach of Articles 3 or 5, for any claim in any way related to the subject matter of this MoU, the damaged party shall not be entitled to recover any actual and direct damages unless and until a definitive agreement has been signed. This will apply regardless of the form of action, whether in contract or in tort, including negligence. In no event will either party be liable for any lost profits, lost savings, incidental damages, or other economic consequential damages, even if advised of the possibility of such damages. In addition, neither party will be liable for any damages claimed by the other party based on any third-party claim.

## **Publicity**

Both parties agree NOT to use the trademarks, trade names, services marks or other proprietary marks of the other party to this MoU in any advertising, press releases, publicity matters, or other promotional materials without prior written approval of the other party. Both parties will provide a set of its logos along with the guidelines of their usages in print and electronic media. In any given case, if either of the parties have objection of any kind with respect to the promotion that is being made, the other party needs to obige and refrain or remove the content being used.

## **Governing Law**

This Memorandum of understanding shall be governed by and construed in accordance with the laws of Hyderabad, Telangana, India, without regard to its conflict of laws provision.

#### General

a. Nothing contained in this MoU will be deemed to grant any ownership in, or license to, any patents, inventions, copyrights or trademarks of either party, whether made under this MoU or not. Each party will own any intellectual property created by it during the period of the MoU. In case a party wants to use the other party's intellectual property as created above for internal

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purposes, it would have to acquire appropriate licenses and rights from the other party, under a separate agreement. Each party will continue to own any pre-existing material contributed by it.

- It is understood that this MoU does not purport to cover all aspects of this engagement.
- c. This MoU supersedes all prior proposals and discussions on this subject and is the complete and exclusive statement of the agreement between the parties. This MoU cannot be modified except by a written agreement signed by the authorized representative of each Party. Any reproduction of this MoU by reliable means will be considered an original of this document.
- d. Each party will be responsible for its own expenses in connection with these discussions.
- e. Except as set forth herein, there are no restrictions on either party as a result of these discussions and either party is free to pursue a similar business relationship/engagement with others at any time.

This Memorandum of Understanding sets forth the understanding of the parties as of 18 Jan 2019.

#### Signatures:

## For Shetty Institute Technology:

Name: Position:

Date: 18th Jan, 2019



## For Technumen Systems Private Limited:

Name: Clara Priyadarshini Palakoti

Position: Sr HR Manager Date: 18<sup>th</sup> Jan, 2019

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#### Annexure-I

## Agreement for Exchange of Confidential Information

Our mutual objective under this Agreement is to provide protection for confidential information (Information) while maintaining our ability to conduct our respective business activities. Each of us agrees that the following terms apply when one of us (Disclosed) discloses Information to the other (Recipient).

#### 1. Disclosure

Information will be disclosed either:

- in writing
- · by delivery of items
- by initiation of access to information such as may be in a data base; or
- · by oral or visual presentation.

Information should be marked with a restrictive legend of the Discloser. If information is not marked with such legend or is disclosed orally, the Information will be identified as confidential at the time of disclosure.

#### 2. Obligations

The Recipient agrees to:

- use the same care and discretion, but no event shall it be less than a
  reasonable degree of care, to avoid disclosure, publication or
  dissemination of the Discloser's Information as it uses with its own
  similar information that it does not wish to disclose, publish or
  disseminate;
  and
- use the Discloser's Information for the purpose for which it was disclosed or otherwise for the benefit of the Discloser.

The Recipient may disclose Information to:

- its employees who have a need to know, and employees of any legal entity that it controls, or with which it is under common control, who have a need to know. Control means to own or control, directly or indirectly, over 50% of voting shares; and
- any other party with the Discloser's prior written consent.
- Before disclosure to any of the above parties, the Recipient will have a
  written agreement with the party sufficient to require that party to treat
  Information in accordance with this Agreement.

The Recipient may disclose Information to the extent required by law, However, the Recipient will give the Discloser prompt notice to allow the Discloser a reasonable opportunity to obtain a protective order.

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#### 3. Confidentiality Period

Information disclosed under this Agreement will be subject to this Agreement for one year following the initial date of disclosure.

#### 4. Exceptions to Obligations

The Recipient may disclose, publish, disseminate, and use Information that is:

- · already in its possession without obligation of confidentiality
- · developed independently
- obtained from a source other than the Discloser without obligation of confidentiality
- publicly available when received, or subsequently becomes publicly available through no fault of the Recipient; or
- disclosed by the Discloser to another without obligation of confidentiality.

The Recipient may use in its business activities the ideas, concepts and know-how contained in the Discloser's Information which are retained in the memories of Recipient's employees who have has access to the Information under this Agreement.

#### 5. Disclaimers

THE DISCLOSER PROVIDES INFORMAION WITHOUT WARRANTIES OF ANY KIND.

The Discloser will not be liable for any damages arising out of the use of Information disclosed under this Agreement.

Neither this Agreement nor any disclosure of Information made under it grants the Recipient any right or license under any trademarks, copyright or patent now or subsequently owned or controlled by the Discloser.

#### 6. General

This Agreement does not require either of us to disclose or to receive Information.

Neither of us may assign, or otherwise transfer, our rights or delegate our duties or obligations under this Agreement without prior written consent. Any attempt to do so is void.

The receipt of information under this Agreement will not in any way limit the Recipient from:

- providing to others products or services which may be competitive with products or services of the Discloser
- providing products or services to others who compete with the Discloser;
   or
- assigning its employees in any way it may choose

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The Recipient will 1) comply with all applicable export and import laws and regulations, including associated embargo and sanction regulations, and 2) unless authorized by applicable governmental license or regulation, not directly or indirectly export or reexport any technical information or software subject to this Agreement (including direct products of such technical information or software) to any prohibited destination or country (including release to nationals, wherever they may be located, of any prohibited country) as specified in such applicable export regulations. This paragraph will survive the termination or expiration of this Agreement and the confidentiality period above and will remain in effect until fulfilled.

Only a written agreement signed by both of us can modify this Agreement.

Either of us may terminate this Agreement (Agreement for Exchange of Confidential Information) by providing one month's written notice to the other. Any terms of this Agreement which by their nature extend beyond its termination remain in effect until fulfilled and apply to respective successors and assignees.

Both of us consent to the application of the laws of India to govern, interpret, and enforce all of your and our rights, duties, and obligations arising from, or relating in any mariner to, the subject matter of this Agreement, without regard to conflict of law principles.

This Agreement is the complete and exclusive agreement regarding our disclosures of Information and replaces any prior oral or written communications between us regarding these disclosures. By signing below for our respective enterprises, each of us agrees to the terms of this Agreement. Once signed, any reproduction of this Agreement made by reliable means (for example, photocopy or facsimile) is considered an original.





Date: - 26/07/2019

## -: NOTICE:-

All the Students are here by informed to attend the Awareness Program on "Augmented Reality (AR) and Virtual Reality (VR)" on 30/11/2019 at 3:00 PM is organized by Training & Placement Cell.

Venue: Seminar Hall

# 29 ab 7119

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KALABURAGI

Copy To,

1. Principal

2. Training and Placement Cell

PRINCIPAL
Shetty Institute of Technology

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| Shetty Institute of Techn                          | nology, Kalaburagi                               |  |
|--|--|--|
| Date of Activity: 30/11/2019                       | Time Slot: 3:00 PM to 4:30 PM                    |  |
| Activity Name :- "Real world applications of virt  | ual and augmented reality"                       |  |
| Organizing Committee: Training & Placement<br>Cell | Guest / Resource Person : Mr. Rahul              |  |
| Total Number of Students Attended: 36              | Report Generated by: Training and Placement Cell |  |

#### **OBJECTIVES:-**

- 1. Introduce participants to the concepts of virtual reality (VR) and augmented reality (AR).
- 2. Explore practical applications of VR and AR in various industries such as education, healthcare, and entertainment.
- 3. Highlight how VR and AR enhance training programs and simulations for complex tasks.
- 4. Discuss the role of VR and AR in improving user experience and engagement in interactive environments.

#### PROGRAM DEAILS:-

On November 30, 2019, Shetty Institute of Technology organized a session titled "Real World Applications of Virtual and Augmented Reality." The seminar, led by Mr. Rahul, aimed to educate students about practical uses of VR and AR in various industries. Mr. Rahul discussed how VR and AR technologies enhance training, education, healthcare, and entertainment sectors, showcasing innovative applications and future potentials. The session concluded with a Q&A session, where students engaged in discussions about the challenges and advancements in VR and AR technologies. The Program was well-received, with positive feedback highlighting increased

awareness and interest among participants regarding the transformative impact of VR and AR technologies.

## **OUTCOMES:-**

- 1. Enhanced understanding of virtual reality (VR) and augmented reality (AR) technologies.
- 2. Insight into practical applications of VR and AR across industries such as education, healthcare, and entertainment.
- 3. Increased awareness of the transformative potential of VR and AR in enhancing user experiences and training simulations.





Students attended the seminar on "Augmented Reality (AR) and Virtual Reality (VR)"

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Name of the Event: - "Augmented Reality (AR) and Virtual Reality (VR)"

Organizing Cell: - Placement and Training cell

Date: - 30/11/2019

## ATTENDANCE SHEET

| SL.NO | NAME OF THE STUDENT | DEPARTMENT | 30/11/2019 |
|-------|---------------------|------------|------------|
| 1     | Netra               | CS         | P          |
| 2     | Ruqaiya             | CS         | P          |
| 3     | Soumya              | CS         | P          |
| 4     | SyedaMasarat        | CS         | P          |
| 5     | Pooja               | CS         | P          |
| 6     | Bhavana             | CS         | P          |
| 7     | Priyanka            | CS         | þ          |
| 8     | Shreya              | CS         | P          |
| 9     | Abdul Jabbar        | CS         | P          |
| 10    | C.Mamata            | CS         | è          |
| 11    | Rakesh              | CS         | P          |
| 12    | Apoorva             | CS         | P          |
| 13    | Gangu               | CS         | P          |
| 14    | Laxmi               | CS         | P          |
| 15    | Priyanka            | CS         | þ          |
| 16    | Sachin              | CS         | P          |
| 17    | Sourav              | CS         | P          |
| 18    | Gouramma            | CS         | P          |
| 19    | Hanumesh            | EC         | P          |
| 20    | Megha               | EC         | P          |
| 21    | Nikita              | EC         | A          |
| 22    | Rhema               | EC         | 0          |

Attraple

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| 23 | Siddhant    | EC | P |
|----|-------------|----|---|
| 24 | Sriharsha   | EC | P |
| 25 | Anita       | EC | P |
| 26 | Mayuri      | EC | D |
| 27 | Keerti M    | EC | þ |
| 28 | Pooja       | EC | P |
| 29 | Savitri     | EC | P |
| 30 | Ashok       | EC | D |
| 31 | Keerti      | EC | 0 |
| 32 | Manjula     | EC |   |
| 33 | Neha        | EC | P |
| 34 | Shivanand   | EC | P |
| 35 | Siddaling   | EC | 6 |
| 36 | Mallikarjun | EC | P |

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