

MEMORANDUM OF UNDERSTANDING

BETWEEN

**Divide By Zero TECHNOLOGIES PRIVATE LIMITED
AND
ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY (AIT)**

"This MOU is entered into on the 25th day of August, 2017 by and between Divide By Zero TECHNOLOGIES PRIVATE LIMITED situated at Mumbai (Maharashtra), is a Divide By Zero Technologies is one of the pioneer companies to take 3D printing technology to SME sector in India purely because the machines are professional, affordable and adhere to international quality standards. Within a year, under our founder's guidance, we have launched a range of high quality, Industrial 3D printers which already cater to various business, giving opportunities to engineers, designers, architects, educators, medical researchers and innovators to realize and visualize their ideas.

Our Vision and Mission is, To be a globally admired leader in advance manufacturing industry by providing innovative, simple and high performance products.

To be a global leader in 3D printing domain by 2022 by delivering cutting edge solution and innovation throughout the organization (hereinafter called DBZ TECHNOLOGIES),

An Academic institution,

Adichunchanagiri Institute of Technology situated in Chikmagalur (Karnataka) was established in 1980 with the blessings of revered Jagadguru Padmabhushana Sri Sri Sri Dr. Balagangadharanatha Maha Swamiji, pontiff, of Sri Adichunchanagiri Maha Samsthana Math (hereinafter called AIT)

Objectives of the MOU

- a. To promote and enhance academic interest at AIT with industry standard implementation in areas of 3D Printing and Scanning, Reverse Engineering through DBZ TECHNOLOGIES and their resellers VyaaptiTecnica Solutions**
- b. To provide advice for implementation of industry standard in area of 3D Printing its technologies/ New Materials in R & D at AIT**
- c. To encourage bright students of AIT to come for internship at VyaaptiTecnica Solutions and DBZ Technologies.**

Technical Areas of Collaboration

Training Delivered after Delivery of 3D Printing and Scanning Machine for this academic year 2017-2018.

Training was held from date 21th September to 23th September total of 24 Man/Hours,

Topics Covered during training:

SI No	Syllabus
1	Introduction History Overview of Technology Evolution of designers over the years Principles based design thinking Usage of CAD Software's in 3D Printing
2	Intro to 3D Printing Overview of 3D Printing Technology Different acronyms and technology of 3D Printing 3D Printing Application, Advantages, Material suitability, Precision comparison Various test methods
3	Creation of CAD Model for 3D Printing Design Parameters Design Parameters Mesh Consideration for CAD Model Support Material Parameters Material fall Analysis CAD file in .STL or in .OBJ format
4	3D Printing Material Different types of Printing Materials Printing Material Properties Print material Application Suitability Index Support Materials
5	Pre-Processing for 3D Printing Knowing the Softwares used for Printing Printer to Computer Interface Preset Parameters for Printing Orientation Analysis Print the Component
6	Post Processing Removal of Support Material Chemical for Support Removal Obtaining Smoothness Painting/Coating on Print Component

Attendees for Training: 05 faculty members and 25 students.

3. Provide academic interaction by delivering details on at AIT on topics of relevance to modern Industry like Metal Printing/SLA/SLS and new Materials like Ultem/AFPM
4. Provide necessary help in Organizing Workshops/conferences and Personality Development Programmes at AIT for enhancement of skills in respect of Faculty, Staff and Students of AIT
5. To facilitate the training for teachers and PG students.

Terms and Conditions

- A. Any further development of infrastructure at AIT should be borne by AIT.
- B. Usage of AIT academic infrastructure can be allowed for limited period subject to its availability, approval of Head of the facility/department and Institute norms.
- C. Both institutes agree to help, identify and invite the faculty members and researchers from the other institutes, industry to participate in conferences, workshops and short-term courses.
- D. This MOU may be amended, renewed and terminated by mutual written agreement of the institutes at any time.
- E. Either institute shall have the right to terminate this MOU upon 60 days prior written notice to the other institute.
- F. Any extra software requirement to conduct any new course apart from mentioned above course will be discussed and AIT will purchase it at mutually financial terms.
- G. Above course can be repeated every year at the cost of 20% of PO value including AMC cost of supplied software.

Confidentiality

The AIT and the DBZ TECHNOLOGIES agree to hold in confidence all information/data designated by the institutes as being confidential which is obtained from either institute or created during the performance of the MOU and will not disclose same to any third party without written consent of the other institute.

Duration of MOU

This MOU, unless extended by mutual written consent of institutes, shall expires in three years After the effective date specified in the opening paragraph, however on the review MOU shall be extended at mutual constant.

Coordinates:

Both institutes will designate person who will have responsibility for co-ordination and implementation of this agreement.

Intellectual Property Rights:

The intellectual property rights (IPR)

That arise as a result of joint research and collaborative activity under the agreement will be worked out on a case to case basis and will be consistent with officially laid down IPR policies of the two Organizations.

Signed in Duplicate:

This MOU is executed in duplicate with each copy being an official version and having equal legal validity. By signing below, the institutes, acting by their duly authorized officers, have caused this Memorandum of Understanding to be executed, effective as of the day and year first above written.

On behalf of

On behalf of



**Principal
Business Head**

Adichunchanagiri Institute of Technology

Dr. C. K. SUBBARAYA

Principal

Adichunchanagiri Institute of Technology
Chikkamagaluru - 577 102



Neeti Sansare-VP

Divide by Zero Technologies



Dr. C. T. JAYADEVA

Principal B.E.,M.Tech.,Ph.D.

Adichunchanagiri Institute of Technology
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