



Date: 01st July 2019

Memorandum of Understanding (MOU)

This is the Memorandum of Understanding (MOU) between

1. **4C DesignEngg 3K Pvt Ltd**, (herein referred to as "4CDE") No. 403, Bliss Vinayaka, West Marredpally, Secunderabad, Telangana.
- and
2. **Avanthi Institute of Engineering and Technology**, (herein referred to as **AIET**) Narsipatnam, Visakhapatnam, A.P.

In this MOU, an organization mentioned as 'college' in general implies AIET, whether mentioned explicitly as AIET or not.

The general objective of this Memorandum of Understanding (MOU) is to facilitate Training for Projects and Training programs with employable skills on the existing available platforms at AIET with mutual benefits to all the stakeholders – Students, College, and 4CDE. The goal is to engage students in diverse technologies and build high technology capabilities/skills among them.

In furtherance of this effort, this MOU establishes the framework for a formal working relationship between the parties to this agreement and specifies the services and resources that each commits to the program. This is with reference to our discussion regarding signing up an MoU for executing projects and training on various domains for the AIET college students.

About 4C DesignEngg

4C DesignEngg 3K Pvt Ltd is an Engineering solution partner to various companies, in various industry domains, providing solutions & services in the product development life cycle process. 4C DesignEngg Team has a long-standing experience in delivering full-scale engineering services in product development, industrial design, analysis (FEA/CFD), prototyping and advanced manufacturing. One of our goals is to bridge the gap between the industry and education by empowering the students with the best of the technologies and skills in creating innovative products and services. There is also a need to enhance our industry, especially the SME industry segment, to keep pace with the latest technologies and provide a high standard of innovations with increased new product introductions (NPI). As part of this goal, we provide various customized and innovative training programs to suit the needs of the industry and the educational institutions. We believe in technology sharing and knowledge transfer to enhance the capabilities of our students with the latest technologies and ready them to compete in the fast-evolving world arena of product development. We achieve this transfer of technology by offering short-term training to long-term implementation processes. Our senior team has excellent expertise in and achieved major success in the reverse mentoring process by taking the latest in the industry to the Educational Institutions to bridge technology gaps by setting up various centers of excellence.



4C DesignEngg's multidisciplinary team of engineering experts with more than 120 man-years of experience in engineering design and services, also successfully carried out Faculty Development Programs and many technical trainings as part of their corporate and institutional training programs in reputed organizations. As a team, we are always committed to effectiveness in training with intent-driven skills and result-oriented programs.

About AIET

Avanthi Institute of Engineering & Technology Tamaram, Makavarapalem (M), Narsipatnam (RD) of Visakhapatnam (Dist) was started in the year 1999 and offers various courses at the engineering and PG level. The college provides the best of the available facilities which include classrooms, computer centers, laboratories, and a seminar hall with audio-visual capabilities. Industry Institute interaction is conducted regularly to emphasize the latest trends in the present market.

Avanthi Educational Society under the Leadership of Sri M.Srinivasa Rao garu as Chairman was started in the Year 1991. Within a short span of its establishment, the group has made a remarkable stride in the field of education offering various courses at Under Graduate, Post Graduate, Pharmacy & Engineering levels. This milestone is achieved as the institution carved itself to impart quality and career-oriented education, countering the challenges of the modern world through planning, dedication, determination, prompt execution, and the innovative ideas of our advisory board

Why 4C DesignEngg

As mentioned above, 4CDesignEngg is an engineering solution provider which has a team with vast experience in engineering solution/services & product development, 4CDE team has more than 20 years+ of experience in establishing COEs and operating it in different parts of India.

- 4CDE team has started the first COE in the State at a college in Hyderabad in 1997.
- 4CDE team has developed innovative and unique training programs for the past 25 years.
- 4CDE team has vast experience in training corporates like TCS, Satyam (now, Tech Mahindra), M&M, Defence, etc since 1997.
- 4CDE team has worked closely with the Government of Denmark in building and transferring technologies for the Molds & Plastic industry through Government Tool Rooms.
- 4CDE team has worked in APSSDC - Siemens COE project at various colleges in AP.

About the Program

Due to heavy demand and high salaries in the IT sector, most of the students are opting the IT as a career. In recent times, more new IT courses are introduced by AICTE, which further reduced the demand for Mechanical Engineering seats and thus leading to scarcity of mechanical engineers in the market. Although the initial salaries for mechanical engineers are less, there are many jobs that pay more or are comparable with IT jobs with more stability. So, with the students having the latest technologies and skills, there is a huge demand for Mechanical engineers.



Terms of Agreement / MoU

- As per this agreement/MoU, 4CDE will conduct the training & support for engineering college students at AIET college.
- All the projects developed/new Ideas/Inventions/innovations made during the training are the intellectual properties (IP) of 4CDE. These projects (products) developed are for the submission in college itself and the same should not be used for any commercial purpose. All these project ownership will be with 4cde, college can use these for internal purposes only.
- Also, these projects (products) design data must be maintained confidential within the college & students and must not be shared in any platforms or seminars or journals or any such technical platforms, without the written approval from 4CDE.
- For any paper presentation or paper publications, along with the written approval, the training heads (who are the design managers/owners from 4CDE) must be the co-authors.
- Responsibilities in terms of ownership and commercials are explained broadly:
 - All the hardware/software buying, maintenance, repairs, upgrades are the responsibility of the College.
 - Even the cost of consumables like power, internet, etc will be the responsibility of college. 4CDE will not be responsible for the cost or maintenance or availability of these aspects.
 - 4CDE will utilize the labs as per agreed guidelines to train the students. 4CDE & the College together will prepare the preventive guidelines for avoiding damages to hardware/software/ infrastructure during the usage in labs.
 - The concerned staff from the college and/or students must take responsibility for all the college resources.
 - 4CDE employees/trainers will strictly follow the discipline at the college campus, if any indiscipline activities are observed, 4CDE will take immediate action on the particular person.
 - The College should take the responsibility of their faculty/students to follow the discipline during their training.
- Any disputes between AIET and 4CDE shall in the first place be settled by mutual negotiations between the heads of the organizations or their deputed representatives and their decision shall be final and binding on both parties.
- The Agreement will be valid for 3 years from the date of signing, which can be reviewed and re-signed for the future.
- Either AIET college or 4CDE can terminate the agreement in the case of violation of agreed terms or with valid reason at any time.

4C DesignEngg 3K Pvt Ltd.

Signature: *A. S. Sudhakar*
 Name: Sudhakar Attuluri
 Designation: Manager-Technical
 Date: 01st July 2019



Avanthi Institute of Engineering and Technology

Signature: *[Signature]*
 Name:
 Designation:
 Date:

[Signature]
 11/7/2019

Principal

Avanthi Institute of Engg. & Technology
 Tamaram, Makavarapalem Md.,
 Visakhapatnam District., Pin: 531113

