



HITAM
find your path

STUDENTS SKILL DEVELOPMENT CENTER

DEPARTMENT OF MECHANICAL ENGINEERING

OBJECTIVE



- Create skillful and experienced mechanical engineers in community services and be employed as a practicing engineer.
- Leadership and responsibility within an organization and progress through certificate programs in engineering.

Industries expectation:



skillful and experienced mechanical engineers

practicing engineer in fields such as design, research, development, testing, manufacturing, operations and service systems;

leadership and responsibility within an organization

certified engineers.

SSDC MECH INETIATED ON 16TH OCT 2017



| S.NO | PHASES | COURSE |
|------|--------|---|
| 1 | I | USER H – (ENGINEERING DRAWING, 2D AND 3D) (SKETECHER, PART& ASSEMBLY, DRAWING) AUTO CAD |
| 2 | II | EXPERT H – (MACHINE DRAWING (2D TO 3D) (SURFACE, SHEETMETAL& WELDMENTS) CREO. |
| 3 | III | PROFESSIONAL H (KNOWELEDGE BASED ENGINEERING , MACHANISM SIMULATIONS. |
| 4 | IV | PROJECT BASED LEARNING (INDUSTRIAL PROJECT) (CAM AND 3D PRINTING) |
| 5 | V | RE ENGINEERING/ REVERSE ENGINEERING. (WITH FEA ANALYSIS). (ON HIS OWN HE HAS TO LEARN THE SOFTWARE AS PER THE INDUSTRY NEED) |

Our Strength:



SINGAIAH.G

1. Autodesk certified instructor
2. Trouble shooting expert in Automotive
3. Certified professional in AutoCAD, GD &T, Inventor Professional, Fusion360 & Revit MEP.
4. Expert in Product Design and Development .
5. Expert in CAE & CAM.



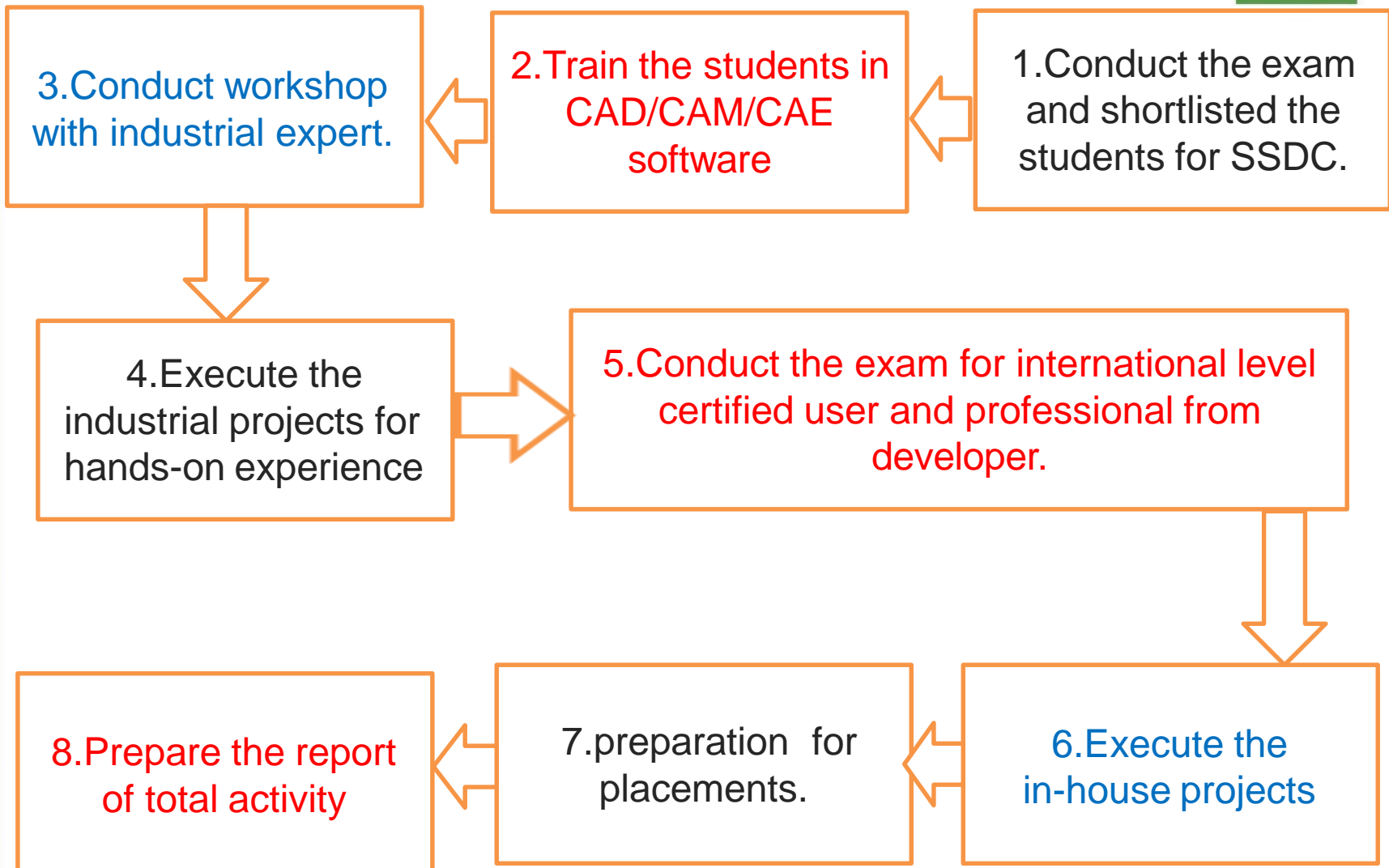
PAVANI.B

1. Autodesk certified User
2. PTC Creo professional
3. Expert in mold flow analysis
4. Expert in GD &T, Inventor Professional
5. Expert in CAE & CAM

STUDENTS TRAINED UNDER SSDC

| S. No | Academic Year | Courses Offered | Students trained |
|-------|---------------|-----------------------|------------------|
| 1 | 2019-20 | AUTOCAD | 40 |
| 2 | 2019-20 | INVENTOR PROFESSIONAL | 84 |
| 3 | 2019-20 | REVIT MEP | 54 |
| 4 | 2019-20 | GD&T | 38 |
| 5 | 2018-19 | AUTOCAD | 84 |
| 6 | 2018-19 | FUSION 360 | 74 |
| 7 | 2018-19 | CREO 2.0 | 120 |
| 8 | 2017-18 | AUTOCAD | 38 |

process of SSDC (II-I TO IV-I)



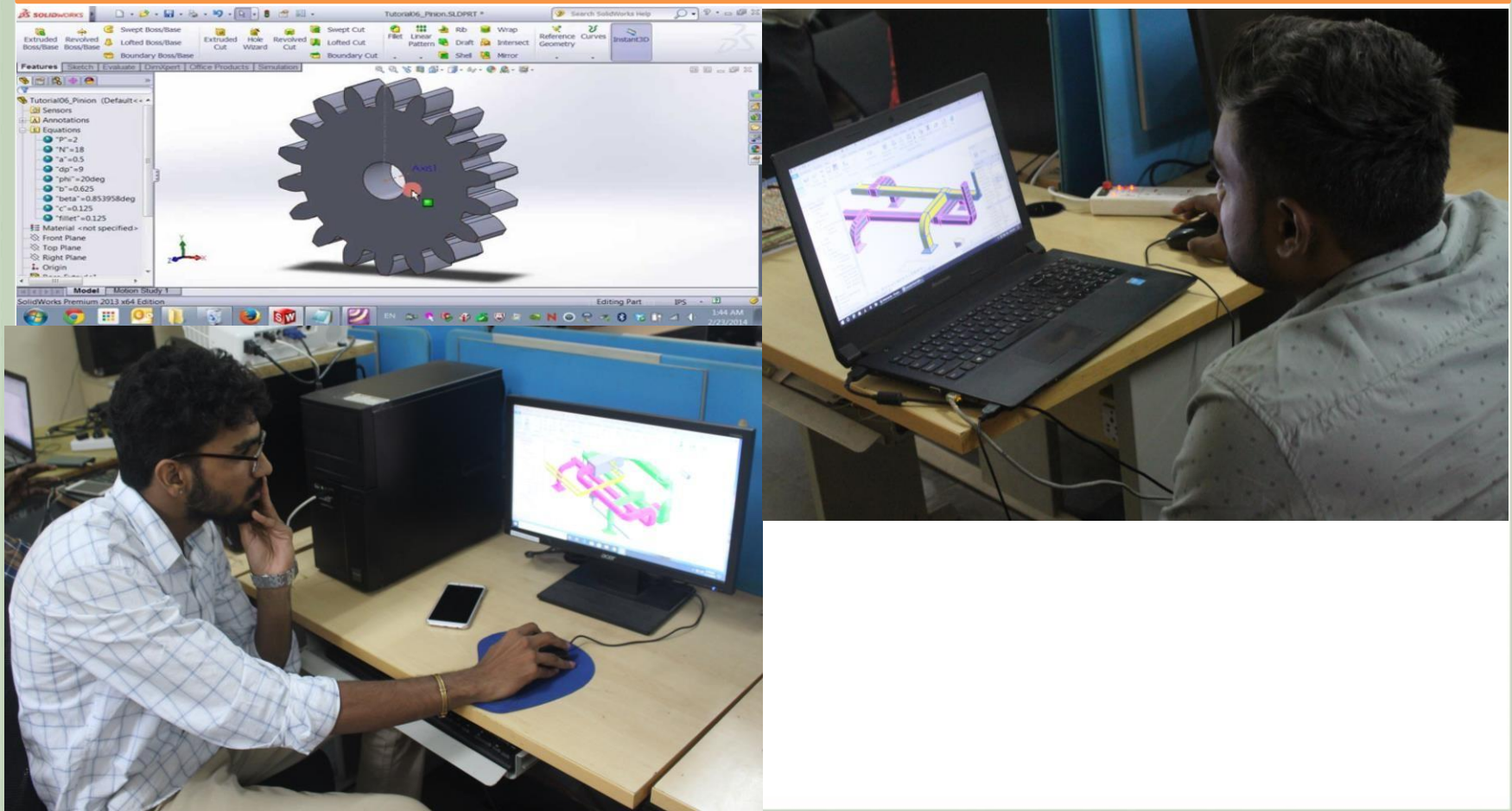
1. Taking the specifications from the component with measuring instruments.

Outcome: Students have practical experience in using instruments in QC(Instrument and its uses as per standard procedure for inspecting component)



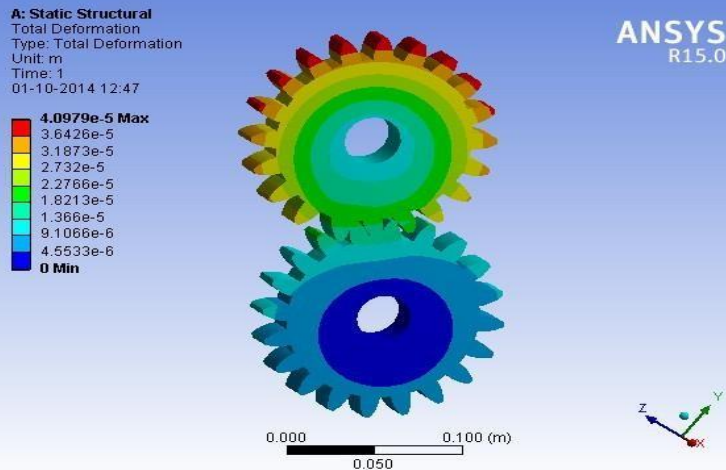
2. Create the component model by using tool(CAD)

Outcome: It gives experience how to execute project.



3. Analyzing the component as per requirements(application)

Outcome: It gives hands on experience in analyses and know the suitable analysis for application (CAE)

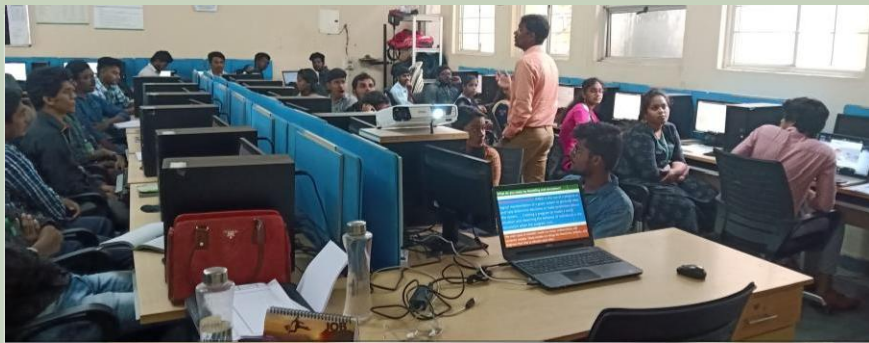


4. Manufacturing the components (spur gear) and conduct the test to prepare the report for quality checking.

Outcome: It gives hands on experience (Types of manufacturing & testing methods to conduct the test & prepare the report as per standards).



Practice Sessions



MOU Signed



1. AUTO DESK – DESIGN LABS on 15-3-2019
2. CANTER CADD on 05-10-2019



Workshops - REVIT MEP



FEA,CAM & 3D PRINTING



HYDERABAD INSTITUTE OF TECHNOLOGY AND MANAGEMENT

Gowdavelly Village, Medchal Mandal, Hyderabad - 502401

Presents Training In

FEA, CAM & 3D PRINTING

with

AUTODESK - FUSION 360

From 20th MARCH, 2019 to 25th MARCH, 2019

Organised By

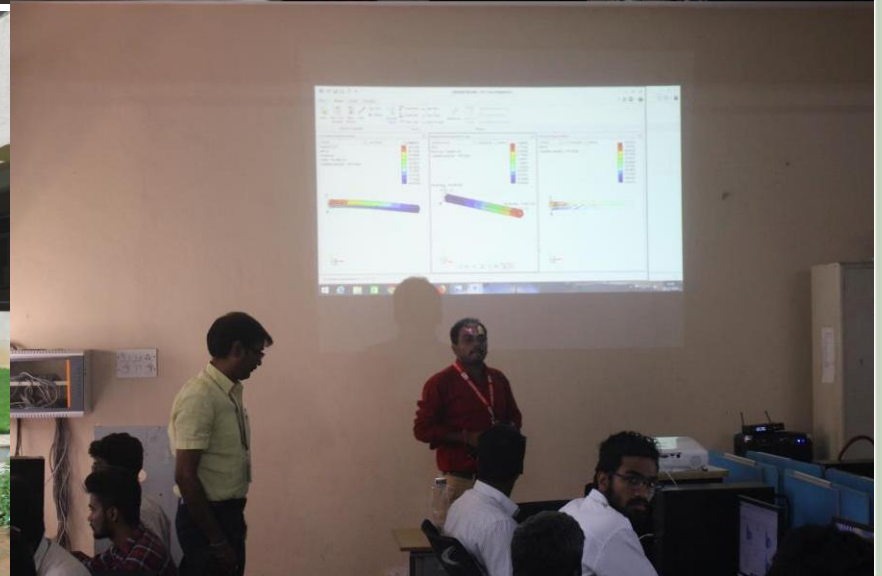
DEPARTMENT OF MECHANICAL ENGINEERING

AND

DESIGN LABS, AUTODESK AUTHORISED ACADEMIC PARTNER

Learn Design the Right Way





Interaction with industrial experts



K.DURGAPRASAD

Senior manager
ZF Technologies



Certification:



Achievements



- ✓ 38 students got certified professionals form developer.
- ✓ 100 students got course completion certificates from developer.
- ✓ Establishment of Autodesk design club.
- ✓ One faculty certified instructor form Developer(AUTODESK).
- ✓ 7 faculty got certified professional from developer.
- ✓ MOU with Autodesk (design labs).
- ✓ MOU with CANTER CADD.
- ✓ 20 Students placed in Core Industry.

Establishment of Autodesk design club – 15/03/2019



DESIGN & ENGINEERING CLUB

AT

MECHANICAL ENGINEERING DEPT

HYDERABAD INSTITUTE OF TECHNOLOGY AND MANAGEMENT

GOWDAVALLY VILLAGE, MEDCHAL MANDAL,

HYDERABAD - 502401

Managed by

DESIGN LABS, HYDERABAD



ADE CLUB MEMBERS

1. SHIVASAI SHANKER
2. P.MAHAN
3. V.DINESH BABU

Achievements:



This badge was issued to [Singaiah Gali](#) on 1 February 2019.
Expires on 1 February 2022

Verify



Autodesk Certified Instructor

Issued by [Autodesk Certified Instructor Program](#)

Earners of the Autodesk Certified Instructor credential have demonstrated instructional and delivery skills, as well as the requisite knowledge of specific Autodesk applications required for course delivery in an instructional setting.

Skills

Autodesk

Autodesk Certified Instructor

Autodesk Instructor

Autodesk Trainer



Highlights:



- ✓ **SSDC Mechanical started on 16th OCT 2017**
- ✓ **Courses offered in SSDC CAD/CAM/CAE/3D PRINTING**
- ✓ **138 students got certification**
- ✓ **20 Students got placed in Core industry**
- ✓ **2 MOUs signed**
- ✓ **11 Industrial projects are executed**
- ✓ **One product is developed(disc brake plat)**

Testimonials:



I have learned INVENTOR PROFESSIONAL under SSDC programme “Being in SSDC team I learned how things work efficiently” Doing projects in SSDC and giving presentations improved my confidence, and leadership opportunity to understand the importance of having a multidisciplinary SSDC have helped me gain good knowledge required to do project.

VINAY CHARY Alumni Student ENGINEERING TRAINING GRADUATE HYDERABAD



Technology is giving a new meaning to education. Working under SSDC has taught us to work for same problem with different approaches. We have learnt different software, gaining us experience, as well as happier, more well-rounded lives, many more opportunities when we finish our degree. It's always interesting and exciting to perform new tasks, being competitive with my fellow peers and also to have an experienced and friendly teachers.

Manasa 3rd mechanical engineering



SSDC is a great platform to gain and improve my skills and knowledge. It has helped me a lot to learn all mechanical software

Patibandla Mohan Kumar , 4th year Mechanical



Most of our students are looking to complete their degree and join the workforce as soon as possible, but the journey through college should be about more than just getting a final degree. It should be about self-discovery and self-improvement. SSDC provides us with these tasks, working on different software, improving our skills, with super clean and effective guidance. SSDC has given us varied and unique job opportunities and is a best option for those who strives to think and work out of box.

Harsha. 3rd mechanical engineering

Testimonials:



It is a great part to be a part of SSDC . It has major role in improving my domain ,management and academic performance, Here not only knowledge but also we can take part of conversation between student to other training centers

Valluri Krishna Teja 4th year Mechanical



Being part of SSDC , I explored many design software and learnt how to excel in them. In SSDC , we have the freedom to do mistakes and learn from them. We also been taught about product lifecycle management.

Shivva Sai Shanker, 4th year Mechanical



Working with SSDC helped me in gaining knowledge and also great experience, for , Design education always involves teaching students the skills of design thinking and preparing them to become great problem solvers. In SSDC students start by taking a problem and understanding the nuances of it, brainstorming possible steps. By this students are able to get better job opportunities and experience to face the field more confidently in future.

sravani form mechanical 3 rd year



Here I enjoyed the freedom to think to express my self a d succeed J have joined SSDC It as been trained a lots of software in to the industrial work knowledge and i have participated in other activities also and managed my academic and extra time to learn these kind of courses

Vucha Dinesh Babu 4th year Mechanical