



**SIES Graduate School of Technology**  
**Sri Chandrasekarendra Saraswati Vidyapuram**  
**Sector 5, Nerul, Navimumbai-400706**

**Department of Printing and Packaging Technology**  
**Event Report**

**Value-added course on Computer Aided Manufacturing**

**20/06/2021 to 09/07/2021**

**Event Information**

**Event Type:** Value added course with internship projects

**Event title:** Computer Aided Manufacturing

**Conducted By :** Prof. Prashant Ambadekar  
Prof. Rupendra Nehete

**Event date:** 20/06/2021 to 09/07/2021

**Organized for:**  Student  Faculty

**Organized by** Department of Mechanical Engineering Department

**Attachments:** **1. List of internship Projects completed by the students**  
**2. List of students**  
**3. Attendance report**  
**3. Feedback**  
**4. Certificate, Photographs (in JPEG/PNG)**

**Event Description**

The event was conducted because of demand from students. The students learned theoretical in the virtual classroom. The course cum internship was oriented on giving practical knowledge to the students. The course was scheduled modulewise based on different machine types. The internship included industry projects wherein students were groomed to attain the level of industry practitioners. Overall the course was a great success.

**SIES GRADUATE SCHOOL OF TECHNOLOGY, NERUL**  
**DEPARTMENT OF MECHANICAL ENGINEERING**  
**Two-week Value-Added Course (Student Development Program)**  
on  
**Computer Aided Manufacturing**  
(20/06/2022 to 09/07/2022)  
**Program Schedule**

S.N.	Session 1 (10:00 – 12:30)	<b>LUNCH BREAK</b>	Session 2 (01:30 – 04:00)
<b>MONDAY</b> (20/06/2022)	Introduction and Hands-on training on grinding machine (Prof. Prashant Ambadekar)		Introduction and Hands-on training on drilling machine (Prof. Dr. R. S. Nehete)
<b>TUESDAY</b> (21/06/2022)	Introduction to parts and demonstration of lathe machine (Prof. Prashant Ambadekar)		Hands-on training on lathe machine for basic operations (Prof. Dr. R. S. Nehete)
<b>WEDNESDAY</b> (22/06/2022)	Hands-on training on lathe machine for threading operation (Prof. Prashant Ambadekar)		Maintenance of lathe machine (Prof. Dr. R. S. Nehete)
<b>THURSDAY</b> (23/06/2022)	Introduction and demonstration of milling machine (Prof. Prashant Ambadekar)		Introduction and demonstration of shaper machine (Prof. Dr. R. S. Nehete)
<b>FRIDAY</b> (24/06/2022)	Hands-on training on milling / shaper machine in batches (Prof. Prashant Ambadekar)		Hands-on training on milling / shaper machine in batches (Prof. Dr. R. S. Nehete)
<b>SATURDAY</b> (25/06/2022)	Introduction to parts of CNC Lathe (Prof. Prashant Ambadekar)		Introduction to parts of CNC Milling (Prof. Dr. R. S. Nehete)

<b>MONDAY</b> <b>(27/06/2022)</b>	Programming for CNC Lathe (theory) <i>(Prof. Prashant Ambadekar)</i>	Hands-on training on CNC Lathe <i>(Prof. Dr. R. S. Nehete)</i>
<b>TUESDAY</b> <b>(28/06/2022)</b>	Programming for CNC milling (theory) <i>(Prof. Prashant Ambadekar)</i>	Hands-on training on CNC Milling <i>(Prof. Dr. R. S. Nehete)</i>
<b>WEDNESDAY</b> <b>(29/06/2022)</b>	Advanced Programming for CNC Lathe (theory) <i>(Prof. Prashant Ambadekar)</i>	Hand-on training on CNC Milling <i>(Prof. Dr. R. S. Nehete)</i>
<b>THURSDAY</b> <b>(30/06/2022)</b>	Advanced Programming for CNC milling (theory) <i>(Prof. Prashant Ambadekar)</i>	Hand-on training on CNC Milling <i>(Prof. Dr. R. S. Nehete)</i>
<b>FRIDAY</b> <b>(01/07/2022)</b>	Job to be made on CNC lathe / milling	Job to be made on CNC lathe / milling
<b>SATURDAY</b> <b>(02/07/2022)</b>	Job to be made on traditional machines	Job to be made on traditional machines

**List of students with internship**

Student name	Class- Department (e.g. SE-ECS)	Course name	start date	last date	department name	project title	Course coordinator name	HOD name
Swayam Patil	Second Year Mech	Computer Aided Manufacturing	20/06/2022	9/7/2022	Mechanical Engineering	Analysis of Turned Surface	Prashant Ambadekar	Dr. Rupendra Nehete
VIGNESH IYER	Third Year Mech	Computer Aided Manufacturing	20/06/2022	9/7/2022	Mechanical Engineering	Analysis of Milled Surface	Prashant Ambadekar	Dr. Rupendra Nehete
SOHAN DISALE	Third Year Mech	Computer Aided Manufacturing	20/06/2022	9/7/2022	Mechanical Engineering	Analysis of Milled Surface	Prashant Ambadekar	Dr. Rupendra Nehete
RUSHIL BANSODE	Third Year Mech	Computer Aided Manufacturing	20/06/2022	9/7/2022	Mechanical Engineering	Analysis of Milled Surface	Prashant Ambadekar	Dr. Rupendra Nehete
ABHISHEK PATIL	Third Year Mech	Computer Aided Manufacturing	20/06/2022	9/7/2022	Mechanical Engineering	Analysis of Milled Surface	Prashant Ambadekar	Dr. Rupendra Nehete
SIDDHESH PATIL	Third Year Mech	Computer Aided Manufacturing	20/06/2022	9/7/2022	Mechanical Engineering	Analysis of CNC turned Surface	Prashant Ambadekar	Dr. Rupendra Nehete
TEJAS KAMBLE	Third Year Mech	Computer Aided Manufacturing	20/06/2022	9/7/2022	Mechanical Engineering	Analysis of CNC turned Surface	Prashant Ambadekar	Dr. Rupendra Nehete
KARAN SHENOY	Final Year Mech	Computer Aided Manufacturing	20/06/2022	9/7/2022	Mechanical Engineering	Analysis of CNC millied Surface	Prashant Ambadekar	Dr. Rupendra Nehete
YASH SHINDE	Final Year Mech	Computer Aided Manufacturing	20/06/2022	9/7/2022	Mechanical Engineering	Analysis of CNC millied Surface	Prashant Ambadekar	Dr. Rupendra Nehete
Amey Dubey	Third Year Mech	Computer Aided Manufacturing	20/06/2022	9/7/2022	Mechanical Engineering	Analysis of CNC turned Surface	Prashant Ambadekar	Dr. Rupendra Nehete

KHUSHAL TAYADE	Third Year Mech	Computer Aided Manufacturing	20/06/2022	9/7/2022	Mechanical Engineering	Analysis of CNC turned Surface	Prashant Ambadekar	Dr. Rupendra Nehete
CHETANA JADE	Final Year Mech	Computer Aided Manufacturing	20/06/2022	9/7/2022	Mechanical Engineering	Analysis of CNC millied Surface	Prashant Ambadekar	Dr. Rupendra Nehete
Saurabh Moholkar	Third Year Mech	Computer Aided Manufacturing	20/06/2022	9/7/2022	Mechanical Engineering	Analysis of CNC turned Surface	Prashant Ambadekar	Dr. Rupendra Nehete
SIDDHESH SAWANT	Third Year Mech	Computer Aided Manufacturing	20/06/2022	9/7/2022	Mechanical Engineering	Analysis of CNC turned Surface	Prashant Ambadekar	Dr. Rupendra Nehete
DHAVAL GOHIL	Second Year Mech	Computer Aided Manufacturing	20/06/2022	9/7/2022	Mechanical Engineering	Analysis of Turned Surface	Prashant Ambadekar	Dr. Rupendra Nehete
Anish Ghanekar	Third Year Mech	Computer Aided Manufacturing	20/06/2022	9/7/2022	Mechanical Engineering	Analysis of CNC turned Surface	Prashant Ambadekar	Dr. Rupendra Nehete
RAHUL IYER	Third Year Mech	Computer Aided Manufacturing	20/06/2022	9/7/2022	Mechanical Engineering	Analysis of CNC turned Surface	Prashant Ambadekar	Dr. Rupendra Nehete
Azlan Ansari	Second Year Mech	Computer Aided Manufacturing	20/06/2022	9/7/2022	Mechanical Engineering	Analysis of Turned Surface	Prashant Ambadekar	Dr. Rupendra Nehete
Saakshi Gangurde	Third Year Mech	Computer Aided Manufacturing	20/06/2022	9/7/2022	Mechanical Engineering	Analysis of CNC turned Surface	Prashant Ambadekar	Dr. Rupendra Nehete
Aman Nadar	Third Year Mech	Computer Aided Manufacturing	20/06/2022	9/7/2022	Mechanical Engineering	Analysis of CNC turned Surface	Prashant Ambadekar	Dr. Rupendra Nehete

GOKULRAJ ANILKUMAR	Third Year Mech	Computer Aided Manufacturing	20/06/2022	9/7/2022	Mechanical Engineering	Analysis of CNC turned Surface	Prashant Ambadekar	Dr. Rupendra Nehete
Ashutosh Jagdale	Third Year Mech	Computer Aided Manufacturing	20/06/2022	9/7/2022	Mechanical Engineering	Analysis of CNC turned Surface	Prashant Ambadekar	Dr. Rupendra Nehete
SRIKIRSHNA NAGANATHAN	Third Year Mech	Computer Aided Manufacturing	20/06/2022	9/7/2022	Mechanical Engineering	Analysis of CNC turned Surface	Prashant Ambadekar	Dr. Rupendra Nehete
Vighnesh Iyer	Second Year Mech	Computer Aided Manufacturing	20/06/2022	9/7/2022	Mechanical Engineering	Analysis of Turned Surface	Prashant Ambadekar	Dr. Rupendra Nehete
PRATHAMESH PATIL	Third Year Mech	Computer Aided Manufacturing	20/06/2022	9/7/2022	Mechanical Engineering	Analysis of CNC turned Surface	Prashant Ambadekar	Dr. Rupendra Nehete
GAURANG LELE	Final Year Mech	Computer Aided Manufacturing	20/06/2022	9/7/2022	Mechanical Engineering	Analysis of CNC millied Surface	Prashant Ambadekar	Dr. Rupendra Nehete
OM NIKAM	Second Year Mech	Computer Aided Manufacturing	20/06/2022	9/7/2022	Mechanical Engineering	Analysis of Turned Surface	Prashant Ambadekar	Dr. Rupendra Nehete
Omkar Dongre	Second Year Mech	Computer Aided Manufacturing	20/06/2022	9/7/2022	Mechanical Engineering	Analysis of Turned Surface	Prashant Ambadekar	Dr. Rupendra Nehete
SAHIL GOWDA	Final Year Mech	Computer Aided Manufacturing	20/06/2022	9/7/2022	Mechanical Engineering	Analysis of CNC millied Surface	Prashant Ambadekar	Dr. Rupendra Nehete

Photographs (in JPEG/PNG)



**Impact of Feedback**

Students were given hands-on training on various machine which was appreciated and the result was visible in the internship projects. More such intenships should be conducted was the remark.