



AISSMS
INSTITUTE OF INFORMATION TECHNOLOGY
[I.O.I.T.]



ADDING VALUE TO ENGINEERING

An Autonomous Institute Affiliated to Savitribai Phule Pune University
Approved by AICTE, New Delhi and Recognised by Govt. of Maharashtra
Accredited by NAAC with "A+" Grade | NBA - 5 UG Programmes

Annual Report

A.Y.2024-25

AISSMS SKILL DEVELOPMENT CENTRE

Sr no	Date	Name of activity
1	03/06/2024 to 13/07/2024	6 week Internship Program on CNC Programming
2	14/10/2024	AISSMS COE TE mechanical students demonstration on CNC Machine
3	18/10/2024	AISSMS COE TE mechanical students demonstration on CNC Machine
4	7/04/2025 to 11/04/2025	AISSMS ITI Students workshop on CNC Machine



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The AISSMS IOIT CNC Skill Development Centre, under the Department of Engineering Science proposes the “Six Week (30 Days) Automotive CNC Machining Technician” training course starting from 03/06/2024 to 13/07/2024 The training session is scheduled as presented below

Day	Session Conducted by	Topic Covered
Day 1	Dr. Y. P. Patil	Introduction of CNC skill Development Centre
Day 2	Dr. Y. P. Patil	Maintain safe and secure working environment ,Health and hygiene
Day 3	Mr. M.B.Nigade	Introduction of CNC ,VMC machine
Day 4	Mr. M.B.Nigade	Construction features of CNC,VMC machine
Day 5	Mr. M.B.Nigade	Control systems used in CNC and VMC machine
Day 6	Mr. A. S. Apte	Tooling use for CNC,VMC machine and work holding device , tool holder , tool specifications
Day 7	Mr. A. S. Apte	Engineering drawing and metrology control
Day 8	Mr. M.B.Nigade	Introduction of CNC, VMC part programming
Day 9	Mr. M.B.Nigade	Fundamental part programming on VMC machine
Day 10	Mr. M.B.Nigade	Fundamental part programming on CNC turning centre



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Day 11	Mr. M.B.Nigade	Advance part programming on CNC turning centre
Day 12	Mr. M.B.Nigade	Advance part programming on VMC machining centre
Day 13	Mr. M.B.Nigade	Introduction of different control panels keys and safety rule and regulations to manufacturing industry
Day 14	Mr. M.B.Nigade	Practical (offline)
Day 15	Mr. M.B.Nigade	Practical
Day 16	Mr. M.B.Nigade	Practical
Day 17	Mr. M.B.Nigade	Practical
Day 18	Mr. M.B.Nigade	Practical
Day 19	Mr. M.B.Nigade	Practical
Day 20	Mr. M.B.Nigade	Practical
Day 21	Mr. M.B.Nigade	Practical
Day 22	Mr. M.B.Nigade	Practical
Day 23	Mr. M.B.Nigade	Practical



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Day 24	Mr. M.B.Nigade	Practical
Day 25	Mr. M.B.Nigade	Practical
Day 26	Mr. M.B.Nigade	Practical
Day 27	Mr. M.B.Nigade	Practical
Day 28	Mr. M.B.Nigade	Practical
Day 29	Mr. M.B.Nigade	Practical
Day 30	Mr. M.B.Nigade	Examination and doubt solving for various students and announcement of new batch



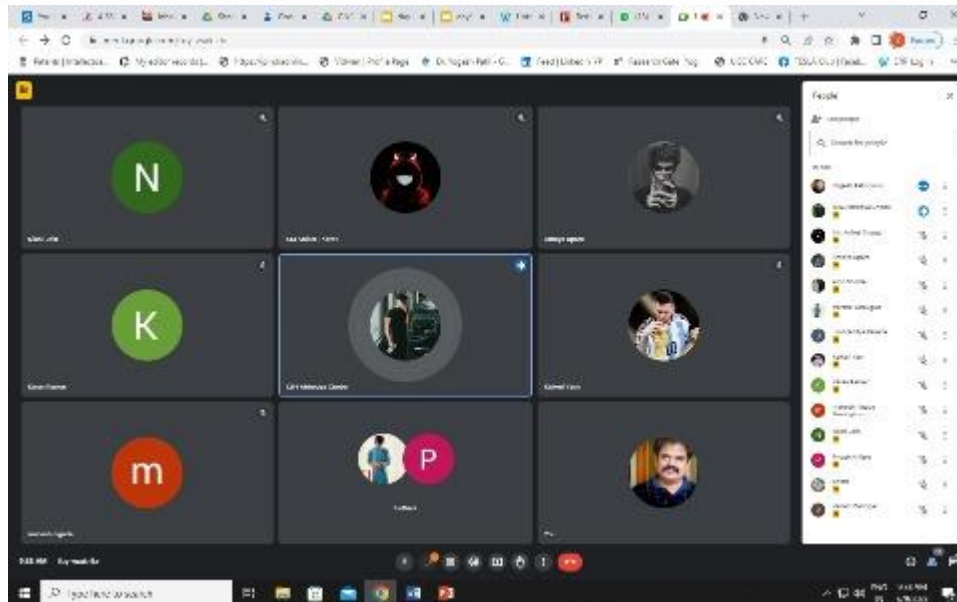
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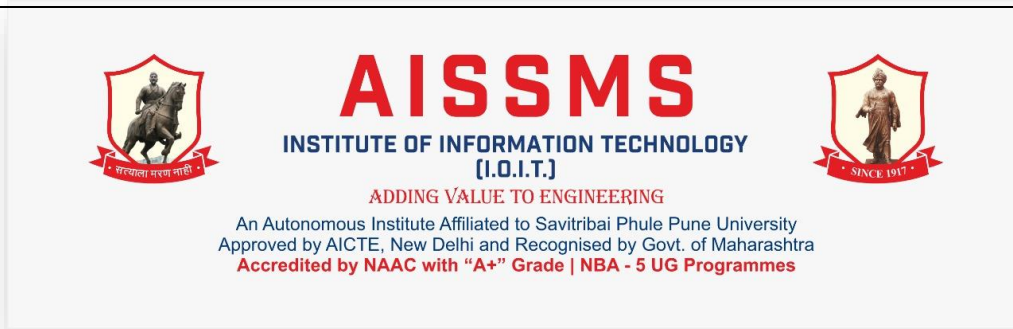
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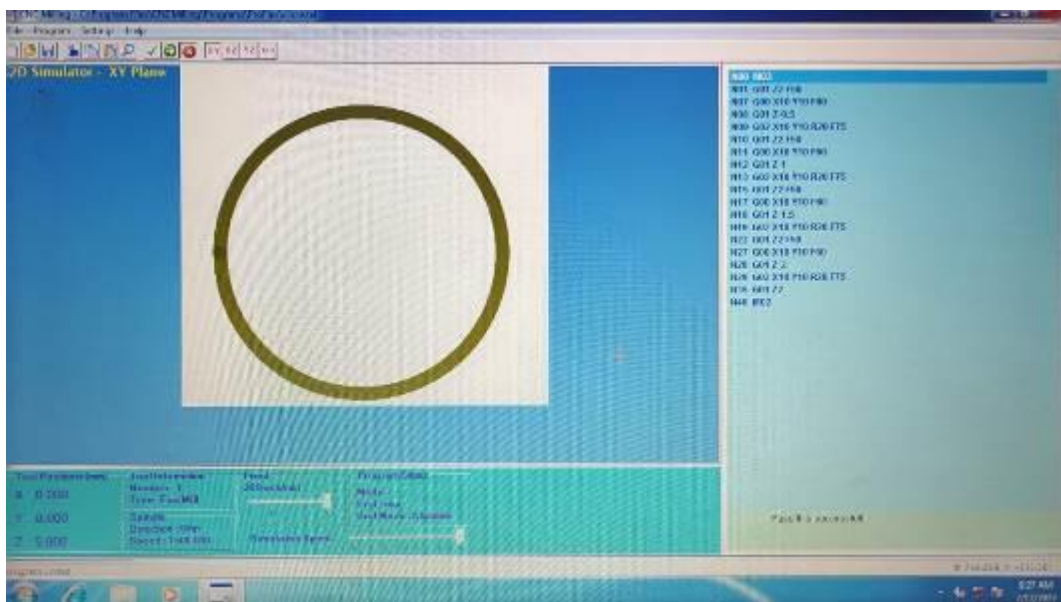
Virtual session



Project completed by students



Simulation and execution of CNC Turning centre



Simulation and execution of CNC Turning centre



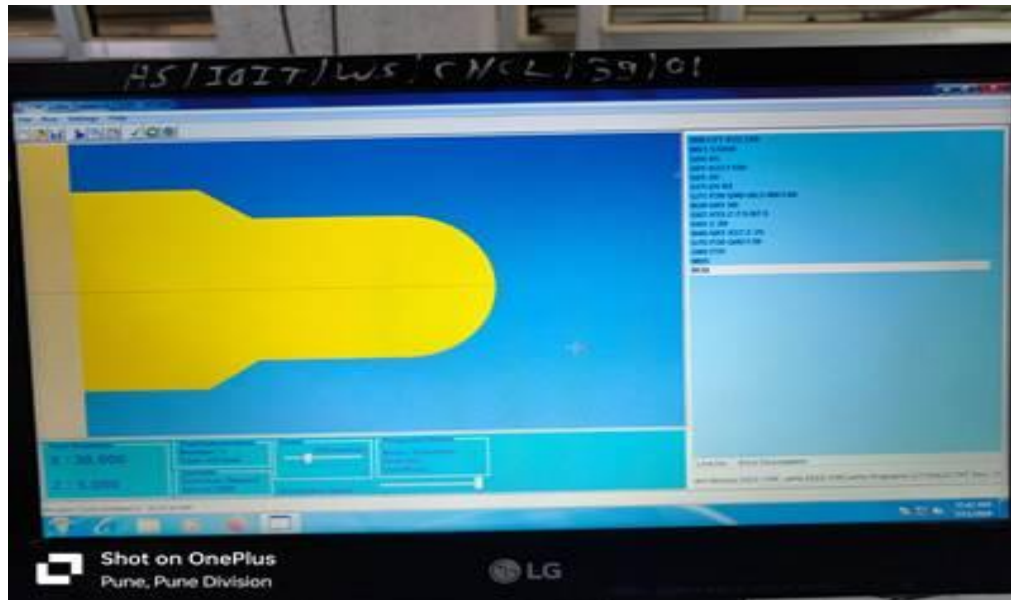
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Simulation and execution of CNC Turning centre



Certificate distribution



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Sample certificate of 6 week Internship



AISSMS COE TE mechanical students was visited to our skill development centre for demonstration on CNC machine

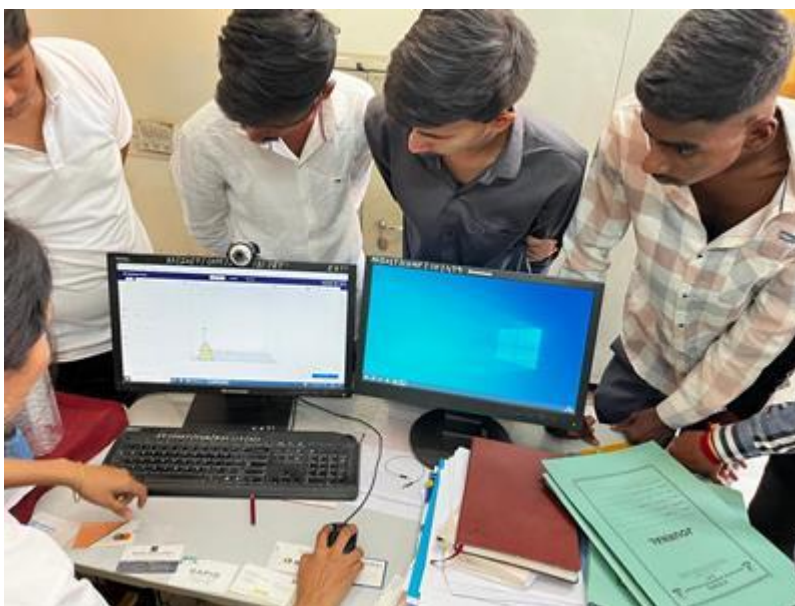


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We have conducted program for students as well as working professional from all engineering streams (mechanical, Production, E&TC, Instrumentation Engineering). The program was found useful for employment and boosting the skill, role and responsibilities of already employed trainees. This is understood from their feedback. Few of alumni which are in regular touch with CNC Skill Development Centre. It is noteworthy that alone CNC internship program and offline CNC, VMC Programming courses could fetch **123000-(one lakh Twenty three thousand only)**. We have conducted seven batches in CNC programming.

Prof. M. B. Nigade
Coordinator

Dr. P. G. Musrif
H.O.D.

Dr. P. B. Mane
Principal