

INSTITUTE OF INFORMATION TECHNOLOGY







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Annual Report

A.Y.2021-22

AISSMS SKILL DEVELOPMENT CENTRE

| Sr no | Date | Name of activity |
|-------|--------------------------|---|
| 1 | 4/10/2021 to 22/10/2021 | 15 Days Internship Program on CNC Programming |
| 2 | 03/01/2022 to 03/02/2022 | One month CNC and VMC programming |
| 3 | 17/03/2022 | Virtual industrial visit and Demonstration on CNC |



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The CNC skill development centre, under the Department of Engineering Sciences had organised the "15 Days Internship Program on CNC Programming" during during 4th October 2021 to 22th October, 2021. The schedule of these sessions is as per below

| Day | Session Conducted by | Topic Covered |
|--------|-------------------------|---|
| Day 1 | Prof M.B.Nigade | Introduction of CNC ,VMC machine |
| Day 2 | Prof M.B.Nigade | Construction features of CNC,VMC machine |
| Day 3 | Prof M.B.Nigade | Control systems used in CNC and VMC machine |
| Day 4 | Prof M.B.Nigade | Tooling use for CNC,VMC machine and work holding device, tool holder, tool specifications |
| Day 5 | Prof M.B.Nigade | Engineering drawing and metrology control |
| Day 6 | Prof M.B.Nigade | Introduction of CNC, VMC part programming |
| Day 7 | Prof M.B.Nigade | Fundamental part programming on VMC machine |
| Day 8 | Prof M.B.Nigade | Fundamental part programming on CNC turning centre |
| Day 9 | Prof D.D.pise | Simulation of CNC and VMC programming |
| Day 10 | Prof D.D.Pise | Simulation of various programming of CNC , VMC |
| Day 11 | Prof M.B.Nigade | Advance part programming on CNC turning centre |
| Day 12 | Prof M.B.Nigade | Advance part programming on CNC turning centre |
| Day 13 | Prof M.B.Nigade | Advance part programming on VMC machining centre |
| Day 14 | Prof M.B.Nigade | Introduction of different control panels keys and safety rule and regulations to manufacturing industry |



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Day 15

Prof M.B.Nigade, Prof D.D.Pise,

Examination and doubt solving for various students and announcement of new batch







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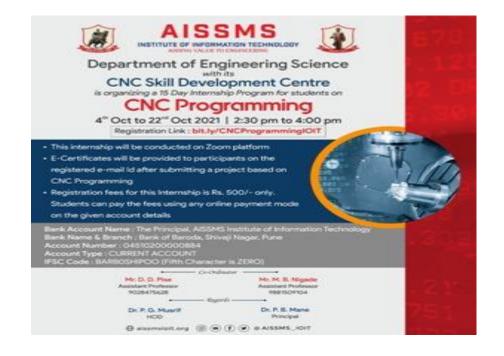




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We have conducted program for students as well as working professional from all engineering streams(mechanical, Production , E&TC , Instrumentation Engineering)The program were found useful for employment and boosting the skill, role and responsibilities 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 noteworth that alone CNC internship program and offline CNC , VMC Programming courses could fetch 94000 /--,We have conducted fourth batches in July August and September 2020 and October2021

Prof. M. B. Nigade

Dr. P. G. Musrif

Dr. P. B. Mane

Coordinator

H.O.D.

Principal