



**SIEMENS**

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Get a technological  
edge for your business

Digital Experience & Application Center

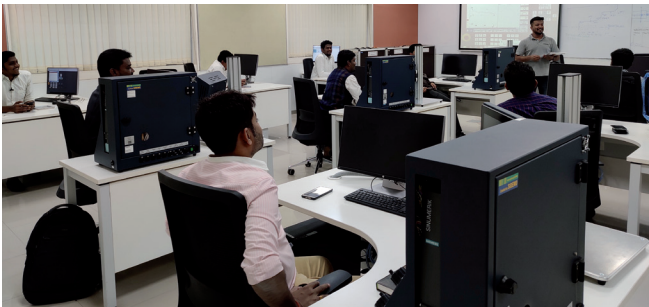
[siemens.co.in/DEX](https://www.siemens.co.in/DEX)



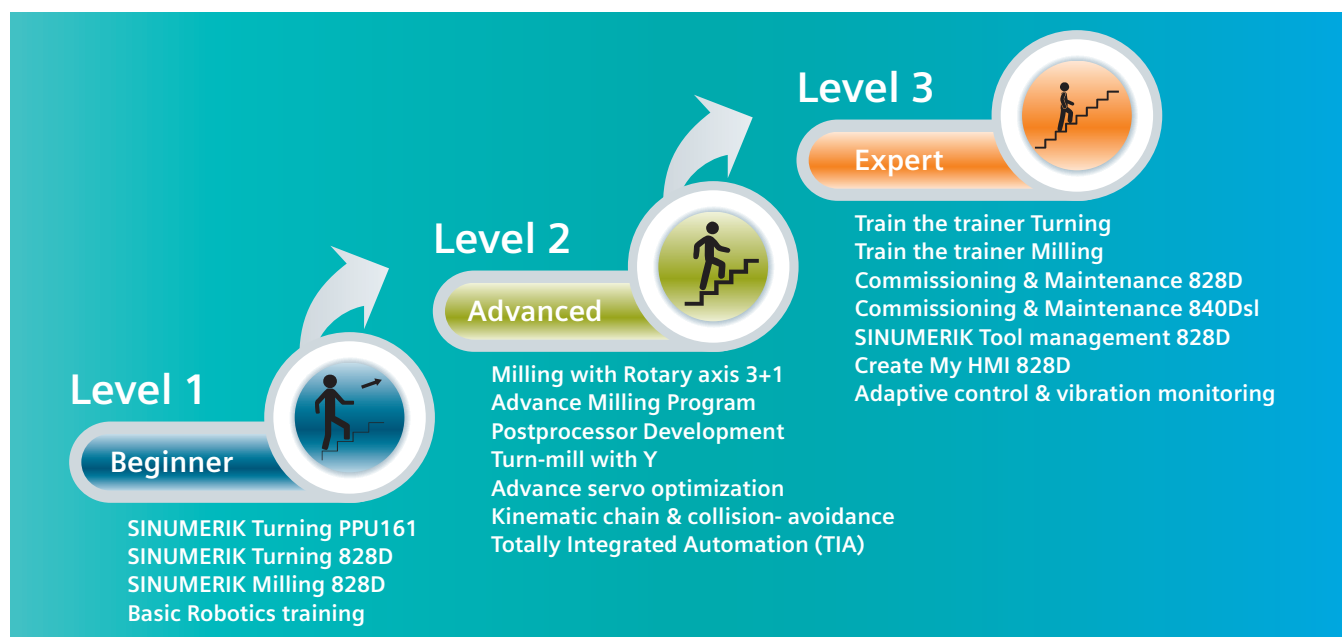
# Siemens Digital Experience & Application center

Siemens has setup a Digital Experience & Application center (DEX) in the hub of Indian machine tool Industry. The Siemens Digital Experience & Application center at Peenya, Bengaluru is a one stop shop to experience the Digitalization solutions for the entire value chain-from product development and production planning to real production and digital services.

At this one of its kind experience center, a wide range of solutions showcasing concepts of Digital Twin, Virtual machining, Virtual commissioning, Machine analytics, Cloud solutions along with a full-fledged working shop-floor integrated with Robots, CNC machine tools, Equator measuring system, Probe solutions etc., bring you closer to the world of Digitalization. Special training and information on SINUMERIK operation, Maintenance and Digitalization solutions are also available at no extra cost at DEX.



## The bridge to success with SINUMERIK





## Key features

- Digitalization solutions for the entire value chain-from product development to digital services
- MindSphere - Securely connect machines, products, plants and systems on IoT platform
- AVCM – Adaptive control & vibration monitoring
- MindSphere – Production transparency & OEE monitoring
- Live demo – Digital Twin and Digitalization solutions
- Live camera feed of machining process
- Complete SINUMERIK CNC solution for operation & programming training
- SINUTRAIN perfect solutions for job planning & training
- SINUMERIK control identical software for comprehensive training



## Highlights

- Highly qualified trainers with systematic strategies
- Know how to improve the productivity with SINUMERIK
- High quality training materials exclusively for every course
- Collaborative environment for product development
- Virtual machining integrated with CAD CAM CNC process
- Optimization of program & Output visualization
- Siemens certificate upon successful training completion
- Spread over 9000 sq.ft.



## Benefits

- Open platform framework empowering new end-to-end business processes across the extended Digital Enterprise
- Production transparency and analysis with I4.0 solutions
- Evolutionary portfolio integrating PLM, TIA and IoT
- Integrated digital innovation platform helping to turn vision into digital realities
- Shorten time to market and improve quality, flexibility and performance
- Adaptive control & vibration monitoring solutions



## Events

- Live demo on virtual representation product & process with Digital twin & Digitalization solutions
- SINUMERIK CNC operation & programming trainings
- Commissioning and maintenance training
- End-user seminars
- Technology days
- One day orientation program for students



## Target Audience

- Machine tool builders
- Dealers
- Retrofitters
- Education institutes
- Technology partners
- Freelancers
- End users

## Course prerequisite

### Beginner Training

- Min 01 year working experience on CNC machines
- OR
- Min Qualification: ITI/ Diploma/ Engineering with basic CNC machine working exposure

### Advanced Training

- Min 2-3 years working experience on CNC machines
- OR
- Trained on basic training program at Siemens DEX

### Expert Training

- Min 2-3 years working experience on CNC as faculties for TTT/TTM courses
- Min 2-3 years working experience on CNC electrical maintenance/servicing for C828/C840 course

## Course Duration and Timing

Course	Beginner**	Advanced **	Expert**	M104 & KC <sup>2</sup> A	STM, CMH & AVCM	KRT	SDS & AVCM-W
Duration	3 Days	2 Days	5 Days	3 Days	2 Days	1 Day	2 hours (only demo)
Timing	09.30am – 05.30pm						

\*\* Duration may vary, however request you to refer course time lines for more details

## Course Overview

Siemens DEX offer practical training and development with modular courses in our modern CNC training center. The practice related transfer of training contents by our qualified and didactically certified trainers and individual attention in small groups allow participants to attain the highest level of learning success.

Each control series section is prefaced by an overview of available courses, including the course number and a short description of available training options. The course sequences are only a general guideline. Please contact us to develop a curriculum that can be tailored to your needs.

## Course time line

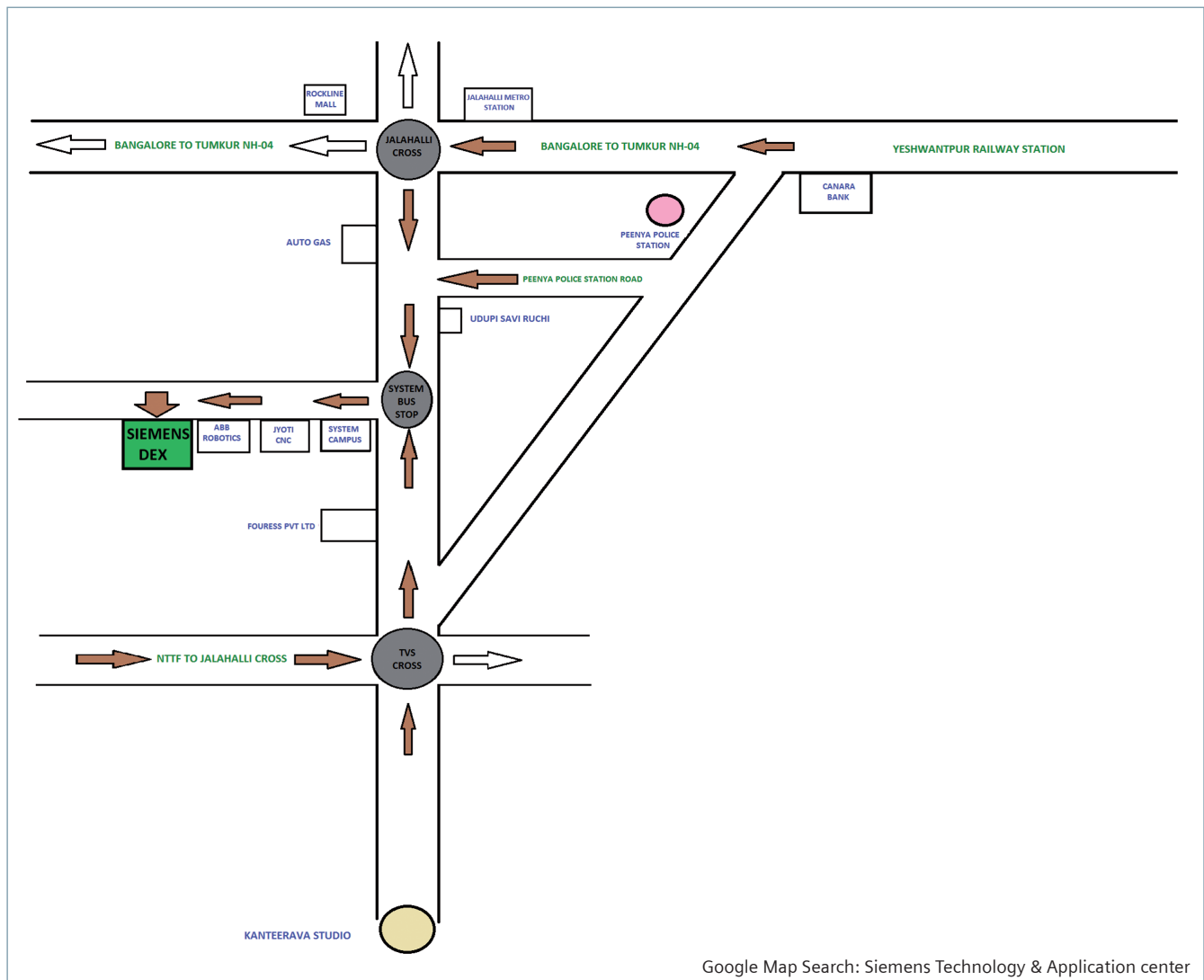
DEX course time line 2019-20					
Month	Course ID	Course Name	Duration (Days)	Start	End
Apr-20	M100	SINUMERIK Milling 828D/840Dsl operate	3	06.04.2020	08.04.2020
	VSS	Value selling with SINUMERIK - Workshop	1	09.04.2020	09.04.2020
	C840	Commissioning & maintenance 840Dsl operate	5	13.04.2020	17.04.2020
	SDS	Siemens Industry 4.0 & Digital Twin - Live demo	2 Hours	14.04.2020	14.04.2020
	M104	Advance Milling program 828D/840Dsl operate	3	20.04.2020	22.04.2020
	M106	Milling with Rotary axis 3+1 - 828D/840Dsl	2	23.04.2020	24.04.2020
	T100	SINUMERIK Turning 828D/840Dsl operate	3	27.04.2020	29.04.2020
	KRT	Basic Robotics	1	30.04.2020	30.04.2020

DEX course time line 2019-20					
Month	Course ID	Course Name	Duration (Days)	Start	End
May-20	TTM	Train The Trainer Milling 828D/840Dsl operate	5	04.05.2020	08.05.2020
	SDS	Siemens Industry 4.0 & Digital Twin - Live demo	2 Hours	07.05.2020	07.05.2020
	C828	Commissioning & maintenance 828D	5	11.05.2020	15.05.2020
	VSS	Value selling with SINUMERIK - Workshop	1	14.05.2020	14.05.2020
	T100	SINUMERIK Turning 828D/840Dsl operate	3	18.05.2020	20.05.2020
	AVCM-W	Workshop on Adaptive control & vibration monitoring	2 Hours	20.05.2020	20.05.2020
	T103	Turn/Mill with Y 828D/840Dsl operate	2	21.05.2020	22.05.2020
	STM-828	SINUMERIK Tool Management 828D	2	26.05.2020	27.05.2020
	M105	Postprocessor Development with SINUMERIK	2	28.05.2020	29.05.2020
Jun-20	T105	Basic Turning PPU161	3	01.06.2020	03.06.2020
	AVCM	Training on Adaptive control & vibration monitoring	2	04.06.2020	05.06.2020
	KC²A	Kinematic chain & Collision avoidance	3	08.06.2020	10.06.2020
	Seminar	Seminar with Technology partners	1	12.06.2020	12.06.2020
	M100	SINUMERIK Milling 828D/840Dsl operate	3	15.06.2020	17.06.2020
	SDS	Siemens Industry 4.0 & Digital Twin - Live demo	2 Hours	17.06.2020	17.06.2020
	CMH	Create My HMI 828D	2	18.06.2020	19.06.2020
	TTT	Train The Trainer Turning 828D/840Dsl operate	5	22.06.2020	26.06.2020
	AVCM-W	Workshop on Adaptive control & vibration monitoring	2 Hours	23.06.2020	23.06.2020
	ASO	Advance servo optimization	2	29.06.2020	30.06.2020
Jul-20	VSS	Value selling with SINUMERIK - Workshop	1	01.07.2020	01.07.2020
	M106	Milling with Rotary axis 3+1 - 828D/840Dsl	2	02.07.2020	03.07.2020
	C840	Commissioning & maintenance 840Dsl operate	5	06.07.2020	10.07.2020
	TTM	Train The Trainer Milling 828D/840Dsl operate	5	13.07.2020	17.07.2020
	SDS	Siemens Industry 4.0 & Digital Twin - Live demo	2 Hours	16.07.2020	16.07.2020
	T100	SINUMERIK Turning 828D/840Dsl operate	3	20.07.2020	22.07.2020
	AVCM-W	Workshop on Adaptive control & vibration monitoring	2 Hours	21.07.2020	21.07.2020
	T103	Turn/Mill with Y 828D/840Dsl operate	2	23.07.2020	24.07.2020
	INT	CS Training - Internal	5	27.07.2020	31.07.2020
Aug-20	INT	CS Training - Internal	5	03.08.2020	07.08.2020
	SDS	Siemens Industry 4.0 & Digital Twin - Live demo	2 Hours	07.08.2020	07.08.2020
	M100	SINUMERIK Milling 828D/840Dsl operate	3	10.08.2020	12.08.2020
	AVCM-W	Workshop on Adaptive control & vibration monitoring	2 Hours	11.08.2020	11.08.2020
	M105	Postprocessor Development with SINUMERIK	2	13.08.2020	14.08.2020
	C828	Commissioning & maintenance 828D	5	17.08.2020	21.08.2020
	VSS	Value selling with SINUMERIK - Workshop	1	19.08.2020	19.08.2020
	T100	SINUMERIK Turning 828D/840Dsl operate	3	24.08.2020	26.08.2020
	TIA	Totally integrated automation	2	27.08.2020	28.08.2020
	M104	Advance Milling program 828D/840Dsl operate	3	31.08.2020	02.09.2020
Sep-20	AVCM	Training on Adaptive control & vibration monitoring	2	03.09.2020	04.09.2020
	STM-828	SINUMERIK Tool Management 828D	2	07.09.2020	08.09.2020
	CMH	Create My HMI 828D	2	09.09.2020	10.09.2020
	Seminar	Seminar with Technology partners	1	11.09.2020	11.09.2020
	C828	Commissioning & maintenance 828D	5	14.09.2020	18.09.2020
	SDS	Siemens Industry 4.0 & Digital Twin - Live demo	2 Hours	17.09.2020	17.09.2020
	TTT	Train The Trainer Turning 828D/840Dsl operate	5	21.09.2020	25.09.2020
	AVCM-W	Workshop on Adaptive control & vibration monitoring	2 Hours	23.09.2020	23.09.2020
	M100	SINUMERIK Milling 828D/840Dsl operate	3	28.09.2020	30.09.2020
	VSS	Value selling with SINUMERIK - Workshop	1	01.10.2020	01.10.2020

# In case of non-attendance or cancellation of participation will be subjected to Siemens DEX cancellation policy.

For online registrations visit [www.siemens.co.in/DEX](http://www.siemens.co.in/DEX)

# DEX Direction Map



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(This replaces DI-MC-MTS-07-2019)

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