



Get a technological edge for your business

Digital Experience & Application Center

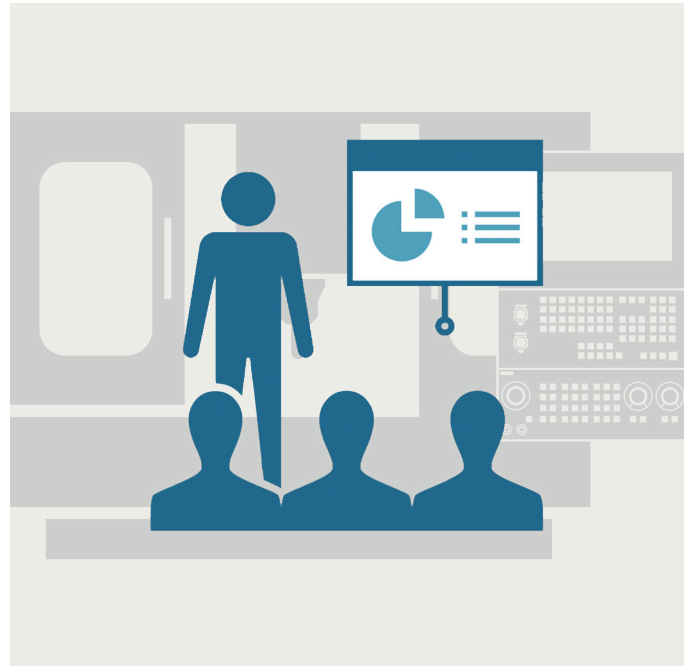
[siemens.co.in/DEX](https://www.siemens.co.in/DEX)

SIEMENS

Digital Experience & Application Center

Siemens has setup a Digital Experience & Application Center (DEX) in the hub of Indian machine tool Industry. Located in Peenya, Bengaluru it 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 DEX.





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 – Control identical software. Perfect solution for job planning & training



Highlights

- Highly qualified trainers with industry experience
- Know how to improve the productivity with SINUMERIK
- High quality training material exclusively developed 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

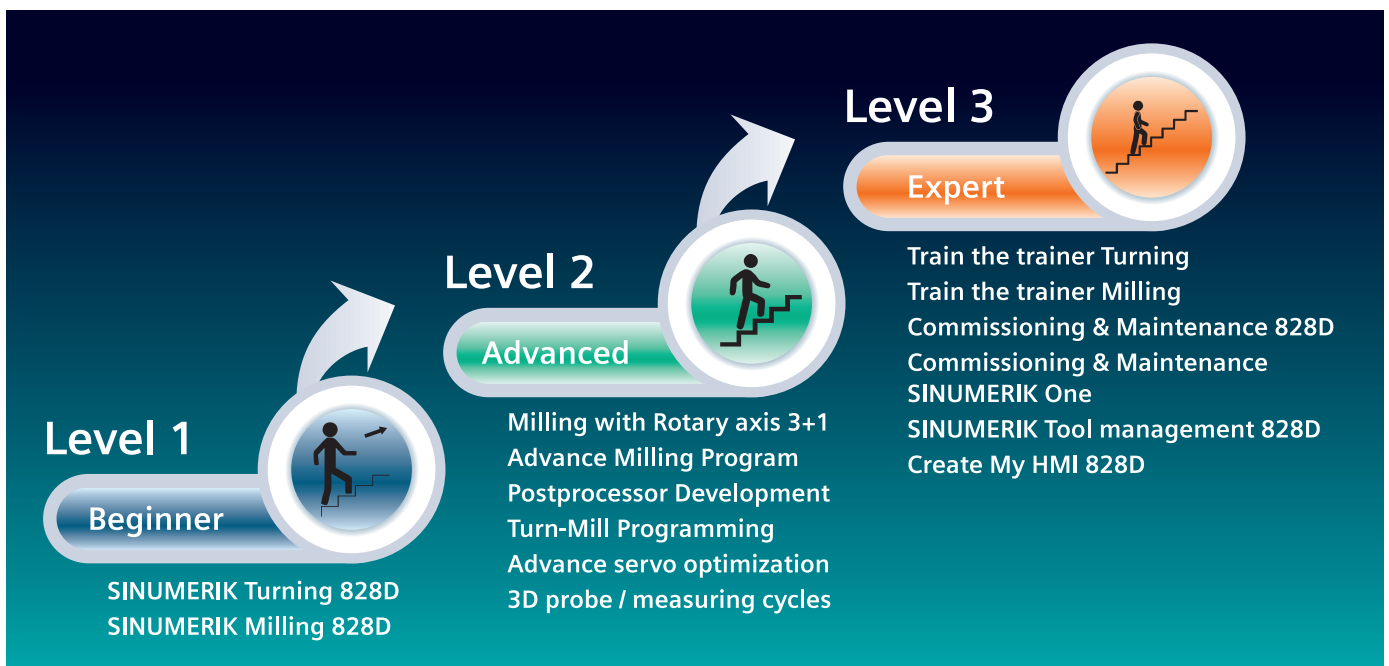
- Open platform framework empowering new end-to-end business processes across the extended Digital Enterprise
- Production transparency and analysis with I4.0 solutions
- Integrated innovation platform helping to turn vision into digital realities
- Shorten time to market and improve quality, flexibility 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

The bridge to success with SINUMERIK



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	STM, CMH	SDS & ACM
Duration	3 Days	2 Days	5 Days	3 Days	2 Days	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 offers practical training and development with modular courses in our modern CNC training center. The practice related transfer of training content by our qualified and didactically certified trainers and individual attention in smaller 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

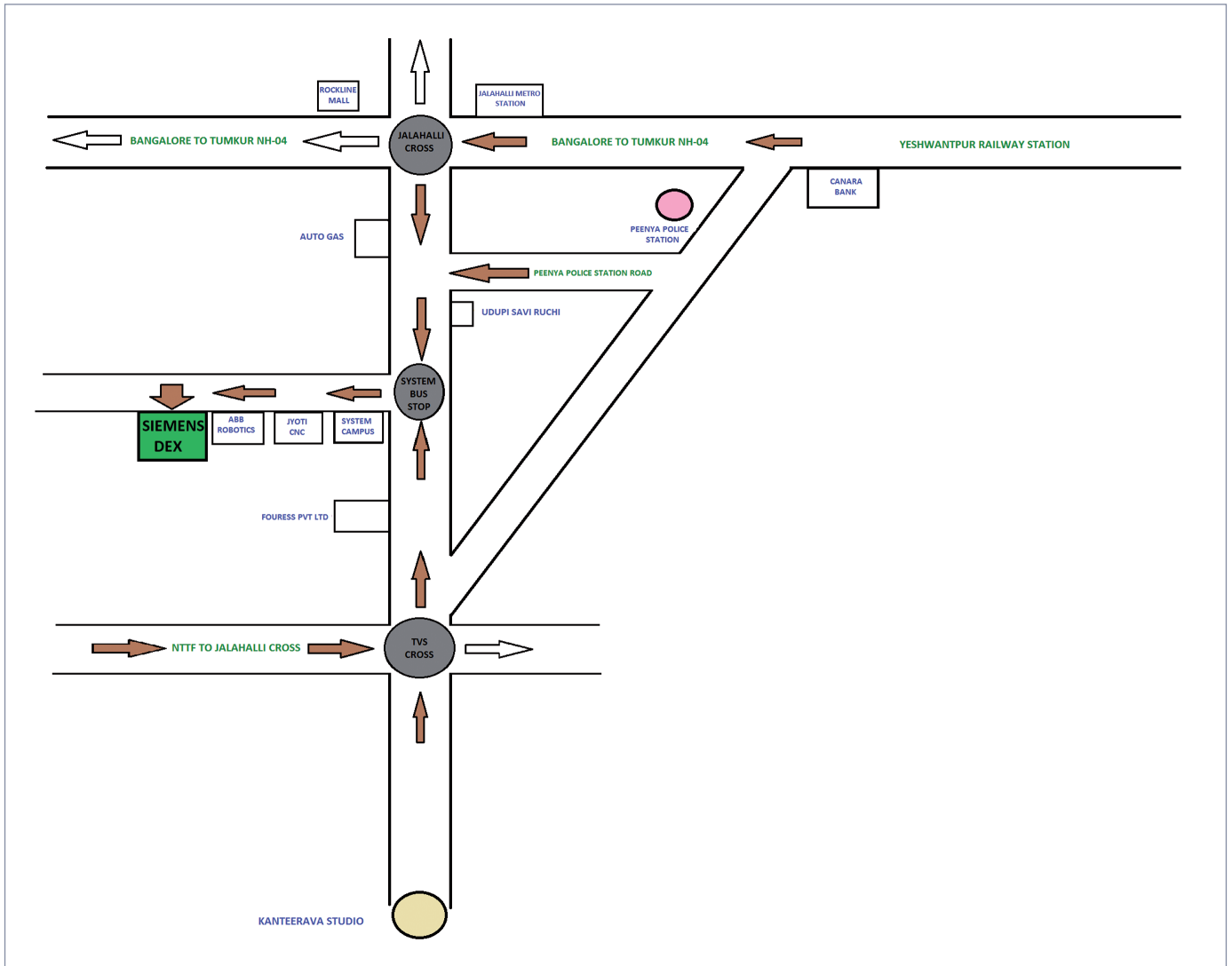
DEX course time line 2022-23					
Month	Course ID	Course Name	Duration (Days)	Start	End
Nov-22	T100	Basic Turning 828D/840D sl operate	3	21.11.2022	23.11.2022
	T103	Turn/Mill with Y 828D/840D sl operate	2	24.11.2022	25.11.2022
	M100	Basic Milling 828D/840D sl operate	3	28.11.2022	30.11.2022
Dec-22	M102	3D Probe / Measuring cycles 828D/840D sl	2	01.12.2022	02.12.2022
	C828	Commissioning & maintenance 828D	4	05.12.2022	08.12.2022
	ESS	Easy to sell SINUMERIK - Workshop	1	09.12.2022	09.12.2022
	M104	Advance Milling program with R-variables	3	12.12.2022	14.12.2022
	CMH	Create My HMI 828D / Custom screen	2	15.12.2022	16.12.2022
	TTT	Train the trainer Turning 828D/840D sl	5	19.12.2022	23.12.2022
	M100	Basic Milling 828D/840D SL operate	3	26.12.2022	28.12.2022
	STM-828	SINUMERIK Tool Management 828D	2	29.12.2022	30.12.2022

DEX course time line 2022-23					
Month	Course ID	Course Name	Duration (Days)	Start	End
Jan-23	ACM	Adaptive control monitoring - Increase productivity upto 15%	1 hour	02.01.2023	02.01.2023
	SDS	Siemens Industry 4.0 & Digital twin - Live demo	1.5 hours	05.01.2023	05.01.2023
Feb-23	M106	Milling with Rotary axes 3+1 programming	2	06.02.2023	07.02.2023
	ESS	Easy to sell SINUMERIK - Workshop	1	08.02.2023	08.02.2023
	STM-828	SINUMERIK Tool Management 828D	2	09.02.2023	10.02.2023
	S#1	Commissioning & Maintenance SINUMERIK One	5	13.02.2023	17.02.2023
	CMH	Create My HMI 828D / Custom screen creation	2	20.02.2023	21.02.2023
	T103	Turn/Mill with Y 828D/840D sl operate	2	23.02.2023	24.02.2023
	M100	Basic Milling 828D/840D sl operate	3	27.02.2023	01.03.2023
Mar-23	M102	3D Probe / Measuring cycles 828D/840D sl	2	02.03.2023	03.03.2023
	T100	Basic Turning 828D/840D sl operate	3	06.03.2023	08.03.2023
	ASO	Advance servo optimization / Advance servo tuning	2	09.03.2023	10.03.2023
	TTM	Train the trainer Milling 828D/840D sl	5	13.03.2023	17.03.2023
	ACM	Adaptive control monitoring - Increase productivity upto 15%	1 hour	20.03.2023	20.03.2023
	SDS	Siemens Industry 4.0 & Digital twin - Live demo	1.5 hours	21.03.2023	21.03.2023
	M103	Easy step programming with ShopMill 828D/840D sl	3	23.03.2023	24.03.2023
	C828	Commissioning & maintenance 828D	4	27.03.2023	30.03.2023

Non-attendance or cancellation of participation will be subjected to Siemens DEX cancellation policy.



DEX Direction Map



For online registrations visit www.siemens.co.in/DEX

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 (This replaces DI-MC-MTS-DEX-FY20-01)

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www.siemens.co.in/DEX

For Life Cycle Support of Products, Systems and Solutions call us on 1800 209 0987

Product upgradation is a continuous process. Hence, data in this brochure is subject to change without prior notice. For the latest information, please get in touch with our Sales Offices.