



कौशल विकास और
उद्यमशीलता मंत्रालय
MINISTRY OF
SKILL DEVELOPMENT
AND ENTREPRENEURSHIP

सत्यमेव जयते



कौशल भारत - कुशल भारत



RE IMAGINE FUTURE



ETHNOTECH
ACADEMY

MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY

CENTRE FOR FUTURE SKILLS

Centre for Future Skills (CFS)

Centre for Future Skills (CFS) is an initiative of the Ministry of Skill Development and Entrepreneurship through National Skill Development Corporation (NSDC) to ensure availability of technology infrastructure and experts on latest technologies in the college campus. Ethnotech Academy is an exclusive partner of National Skill Development Corporation (NSDC) to implement this project. The Centre for Future Skills (CFS) will be a futuristic state of the art technology infrastructure for the students to stay up to date with all the latest advanced technologies that the industry demands. The technology infrastructure will include all the 9 major technologies such as Artificial Intelligence & Machine Learning, Data Analytics, AR/VR/Meta, Cloud computing, Cyber Security, Internet of Things, Industrial / Home Automation, Robotic Process Automation and Semiconductor Design.

Benefits of Centre for Future Skills (CFS)

Recognition as the exclusive Academic Partner of NSDC.

State of the Art Centre of Excellence wholly funded by the NSDC and its implementing partner – Ethnotech Academy.

Opportunity to offer internships, capstone projects and latest cutting edge programs for students in the region .



Faculty to be trained directly by industry experts

Opportunity for students to take up global certification exams at no extra cost, and a course completion Skill India Certificate

Opportunity to participate in the Central Government's skilling initiatives Pan India .

Access to NSDC and AICTE placement portals which encompass 800+ corporates .



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CENTRE FOR FUTURE SKILLS

LAB 01

AWS Centre for Cloud Computing

System Configuration



- Intel I7 12th Gen Processor
- 12700f Gigabyte Motherboard
- H610 16 GB DDR4 Ram Samsung
- 250 GB NVMe Power X
- POWERX cabinet and POWERX SMPS
- Dell Keyboard and Mouse
- Dell 19.5 inch Monitor
- 4 GB Graphics Card 730
- Windows 10 professional

Total no of systems : 60 Nos



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LAB 02

Paloalto Centre for Cyber Security

System Configuration



- Intel I7 12th Gen Processor
- 12700f Gigabyte Motherboard
- H610 16 GB DDR4 Ram Samsung
- 250 GB NVMe Power X
- POWERX cabinet and POWERX SMPS
- Dell Keyboard and Mouse
- Dell 19.5 inch Monitor
- 4 GB Graphics Card 730
- Windows 10 professional

Total no of systems : 60 Nos



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LAB 03

CISCO Centre for Cyber Security and Networking

System Configuration



- Intel I7 12th Gen Processor
- 12700f Gigabyte Motherboard
- H610 16 GB DDR4 Ram Samsung
- 250 GB NVMe Power X
- POWERX cabinet and POWERX SMPS
- Dell Keyboard and Mouse
- Dell 19.5 inch Monitor
- 4 GB Graphics Card 730
- Windows 10 professional

Total no of systems : 60 Nos



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LAB 04

Intel Centre for Artificial Intelligence and Machine Learning

System Configuration



- Intel I7 12th Gen Processor
- 12700f Gigabyte Motherboard
- H610 16 GB DDR4 Ram Samsung
- 250 GB NVMe Power X
- POWERX cabinet and POWERX SMPS
- Dell Keyboard and Mouse
- Dell 19.5 inch Monitor
- 4 GB Graphics Card 730
- Windows 10 professional

Total no of systems : 48 Nos



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CENTRE FOR FUTURE SKILLS

LAB 04

Intel Centre for Artificial Intelligence and Machine Learning

Server Configuration



- 1 Intel[®] Xeon[®] Silver 4310
2 cores, 2.1 GHz base frequency,
18 MB cache,
- 128 GB RAM
- 1 TB SSD



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CENTRE FOR FUTURE SKILLS

LAB 05

AUTODESK Centre for Design and Analysis

System Configuration



- Intel I5 6th Gen & Motherboard
- 8 GB DDR4 Ram Samsung
- 240 GB SSD Hard Disk
- ATX Cabinet
- Dell Keyboard and Mouse
- TFT 18.5 inch Monitor
- 2 GB Graphics Card
- Windows 10 professional

Total no of systems : 60 Nos



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LAB 06

UNITY Centre for Augmented Reality and Virtual Reality

System Configuration



- Logitech G29 Driving Force Racing Wheel + G driver Shifter Joystick+ Logitech Extreme 3D Pro+Driving Bucket Seat and mounting accessories -01
- HTC Vive Cosmos Elite VR system - 1
- Meta Quest 3 Advanced VR Headset - 02
- Meta Quest Pro (256) MR - 01
- Apple Vision Pro - 01
- Vive Tracker V 2.0 -04



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LAB 07

Cambridge Centre for Language Learning





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CENTRE FOR FUTURE SKILLS

Programs Offered

Global Certification
Partner

Microsoft Certified Fundamentals

- Microsoft Azure Fundamentals (AZ-900)
- Microsoft 365 Fundamentals (MS-900)
- Microsoft Azure AI Fundamentals (AI-900)
- Microsoft Azure Data Fundamentals (DP-900)
- Microsoft Power Platform Fundamentals (PL-900)
- Microsoft 365 Dynamics Fundamentals -CRM (MB -910)
- Microsoft 365 Dynamics Fundamentals -ERP (MB -920)
- Microsoft security, compliance, and identity Fundamentals (SC-900)



Microsoft

Microsoft Office Specialist

- Microsoft Excel 2019 (MO-200)
- Microsoft Word 2019
- Microsoft Power Point 2019
- Microsoft Excel Expert 2019 (MO-201)
- Microsoft Word Expert 2019



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CENTRE FOR FUTURE SKILLS

Programs Offered

Global Certification
Partner

Pearson Vue IT Specialist Certification

- Artificial Intelligence
- Cloud Computing
- Computational Thinking
- Cyber Security
- Data Analytics
- Databases
- HTML and CSS
- HTML 5 Application Development
- Java
- JavaScript
- Networking
- Network Security
- Python
- Software Development



INFORMATION TECHNOLOGY
SPECIALIST



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CENTRE FOR FUTURE SKILLS

Programs Offered

IBM OEM Certification

- Java Programming
- Python Programming
- Machine Learning With R
- Python for Data Science
- Web Development Using Html
- Java script
- Dev ops
- Agile Methodologies
- Block Chain
- Bigdata Analytics
- Internet Of Things
- Cloud Computing
- Artificial Intelligence Services
- SQL and Relational Databases 101
- Software Foundation Course - C++
- Database Fundamentals
- Introduction To Big Data, Hadoop & Ecosystem

Global Certification
Partner





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CENTRE FOR FUTURE SKILLS

Programs Offered

Certified Support Technician (CCST)

- IT Support
- Networking
- Cyber Security

Cisco Networking Academy

- Java Script Programming
- C Programming
- Advance Programming Using C
- C++ Programming
- Advance Programming Using C++
- Network Essentials
- Cyber Security Essential
- Introduction To Cyber Security

CCNA V7 (Routing & Switching)

- Cisco Certified Network Associate (Routing & switching)- Level 1, Level 2 & Level 3

Global Certification
Partner





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Programs Offered

AWS Academy Certification

- Cloud Security Foundations
- Data Engineering
- Cloud Computing Architecture
- Cloud Foundation
- Machine Learning Foundation

AWS Global certification

- AWS Cloud Practitioner
- AWS Cloud Solution Architect

Meta program by Certiport

- Digital Marketing Associate

Global Certification Partner





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CENTRE FOR FUTURE SKILLS

Programs Offered

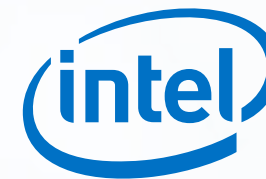
Autodesk Certified User

- Autodesk AutoCAD
- Autodesk Inventor
- Autodesk Revit
- Autodesk Fusion 360
- Autodesk 3ds Max
- Autodesk Maya
- Revit MEP

Intel Unnati Certificate

- Machine Learning
- Data Analytics Using Excel
- Data Analytics Using Python
- Deep Learning
- Block Chain
- Data Science Using Python
- DevOps
- Internet Of Things Fundamentals
- Internet Of Things Using Python

Global Certification
Partner





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CENTRE FOR FUTURE SKILLS

Programs Offered

PALOALTO

- Cyber Security
- Network Security
- Cloud Security

UI PATH & BLUEPRISM

- Robotic Process Automation

PMI

- PMI Ready

NISM

- Securities Market Foundation
- Equity - Derivatives
- Research Analyst
- Portfolio Management Services

Global Certification Partner





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CENTRE FOR FUTURE SKILLS

Programs Offered

Adobe Global Certification

- Adobe Photoshop
- Adobe Illustrator
- Adobe After Effects
- Adobe Animate
- Adobe Dreamweaver
- Adobe InDesign

Unity Certified User

- Unity Programmer
- VR Developer
- Associate Artist

Tally Academy Certification

- Tally Essentials – Level 1
- Tally Essentials – Level 2
- Tally Essentials – Level 3
- Tally Professional

Global Certification Partner





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CENTRE FOR FUTURE SKILLS

Programs Offered

Agriscience and Technology Careers program by Certiport

- Agriscience Foundations certification

Critical Career Skills (CCS) programs by Certiport

- Generative AI Foundations
- Professional Communication

Health Sciences Careers program by Certiport

- Medical Administrative Assistant

Global Certification
Partner



AGRISCIENCE &
TECHNOLOGY
CAREERS



CRITICAL CAREER
SKILLS



HEALTH
SCIENCES
CAREERS



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CENTRE FOR FUTURE SKILLS

Programs Offered

Ethnotech Academy Certification

- Solidworks
- Catia
- Ansys
- Hypermesh
- Solid Edge
- Staad Pro
- Coral Draw
- Estimation And Current Practices
- Gis Application
- Plaxis
- Grasshopper (Rhino 3D)
- Google SketchUp with V-Ray
- React JS
- Node JS
- Angular JS

Global Certification
Partner



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