

**Ministry of External Affairs**  
**(New, Emerging and Strategic Technologies Division)**

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**LIST OF NEW, EMERGING AND STRATEGIC TECHNOLOGY RELATED COURSES\***

Sl. No.	Name of courses	Other details
<b>ITEC</b> <b>(<a href="https://www.itecgoi.in/upcoming_courses">https://www.itecgoi.in/upcoming_courses</a>)</b>		
1)	<b>Certificate Course in Quantum Computing</b>	Duration - 01-Jun-2026 to 12-Jun-2026 Institute - Centre for Development of Advanced Computing, Delhi
2)	<b>Big Data Analytics and Artificial Intelligence in Public Administration</b>	Duration - 08-Jun-2026 to 19-Jun-2026 Institute - Arun Jaitley National Institute of Financial Management
3)	<b>Process and Electronic Waste Recycling and Management</b>	Duration - 08-Jun-2026 to 19-Jun-2026 Institute - Indian Institute of Technology, Kanpur
4)	<b>International Training Programme on Solar Energy Technologies and Applications-I</b>	Duration - 08-Jun-2026 to 21-Jun-2026 Institute - National Institute of Solar Energy
5)	<b>Remote Sensing and Digital Image Processing for Geoscientists</b>	Duration - 09-Jun-2026 to 29-Jun-2026 Institute - Geological Survey of India Training Institute
6)	<b>Specialised Programme on Big Data Analytics - I</b>	Duration - 10-Jun-2026 to 23-Jun-2026 Institute - Centre for Development of Advanced Computing, Noida
7)	<b>Certificate Course in Information Security &amp; Digital Forensics</b>	Duration - 06-Jul-2026 to 17-Jul-2026 Institute - Centre for Development of Advanced Computing, Delhi
8)	<b>Certificate Course in Data Analysis and Machine Learning Using Python-II</b>	Duration - 20-Jul-2026 to 31-Jul-2026 Institute - Centre for Development of Advanced Computing, Delhi
9)	<b>Specialised Programme on Cloud Computing</b>	Duration - 22-Jul-2026 to 04-Aug-2026 Institute - Centre for Development of Advanced Computing, Noida
10)	<b>Digital Forensic and Cyber Security - I</b>	Duration - 03-Aug-2026 to 14-Aug-2026 Institute - National Forensic Sciences University
11)	<b>AI-Driven Data Analytics and Financial Modelling in Government</b>	Duration - 03-Aug-2026 to 14-Aug-2026 Institute - Arun Jaitley National Institute of Financial Management

	<b>Sector</b>	
12)	<b>Certificate Course in Applied Cybersecurity and Malware Analytics</b>	Duration -10-Aug-2026 to 21-Aug-2026 Institute - Centre for Development of Advanced Computing, Delhi
13)	<b>Emerging Trends in Multimedia Content Creation with AI and Immersive Technologies</b>	Duration - 12-Aug-2026 to 25-Aug-2026 Institute - National Institute of Technical Teachers Training and Research
14)	<b>Specialised Programme on Machine Learning - I</b>	Duration -12-Aug-2026 to 25-Aug-2026 Institute - Centre for Development of Advanced Computing, Noida
15)	<b>Robotics</b>	Duration - 21-Sep-2026 to 02-Oct-2026 Institute - Indian Institute of Technology, Kanpur
16)	<b>Quantum Safe Systems Computing, Security and Communication</b>	Duration - 30-Sep-2026 to 13-Oct-2026 Institute - Centre for Development of Advanced Computing, Mohali
17)	<b>Specialised Programme on Artificial Intelligence - Spanish</b>	Duration - 04-Nov-2026 to 17-Nov-2026 Institute - Centre for Development of Advanced Computing, Noida
18)	<b>Certificate Course in Introduction of Fintech Development</b>	Duration -16-Nov-2026 to 27-Nov-2026 Institute - Centre for Development of Advanced Computing, Delhi
19)	<b>Quantum Computing A Deep Dive (Concepts to Applications)</b>	Duration -18-Nov-2026 To 01-Dec-2026 Institute - Centre for Development of Advanced Computing, Mohali
20)	<b>Specialised Programme on Cyber Security &amp; Forensics - I</b>	Duration - 25-Nov-2026 To 08-Dec-2026 Institute - Centre for Development of Advanced Computing, Noida
21)	<b>AI in the Workplace (Women)</b>	Duration - 03-Dec-2026 To 16-Dec-2026 Institute - Centre for Development of Advanced Computing, Mohali
<b>Non-ITEC</b>		
1)	<b>Advanced Certificate in Applied AI and ML</b>	Provider: IITM Pravartak Duration & Mode: 11 months Certification: Yes Key Topics: Mathematical foundations, Generative AI, LLMs Cost: Paid Link: <a href="https://digitalskills.pravartak.org.in/course_details.php?courseID=302&amp;cart=">https://digitalskills.pravartak.org.in/course_details.php?courseID=302&amp;cart=</a>
2)	<b>Certificate in Data Science &amp; ML</b>	Provider: IIT Delhi Duration & Mode: 6 months Certification: Yes Key Topics: Applied data science and machine learning

		Cost: Paid Link: <a href="#">Click Here</a>
3)	<b>Cybersecurity &amp; Network Security</b>	Provider: SWAYAM (NPTEL) Duration & Mode: 8 weeks   Instructor-led Certification: Yes Key Topics: Cybersecurity risks, information privacy, risk mitigation strategies Cost: Free / Paid Link: <a href="https://onlinecourses.nptel.ac.in/noc22_cs90/preview">https://onlinecourses.nptel.ac.in/noc22_cs90/preview</a>
4)	<b>e-Masters in AI and ML</b>	Provider: <a href="#">IIT Kanpur</a> Duration & Mode: <u>1 year</u> Certification: <u>Yes</u> Key Topics: <u>Full-stack AI and ML education</u> Cost: <u>Paid</u> Link: <a href="https://emasters.iitk.ac.in/course/masters-in-ai-and-machine-learning">https://emasters.iitk.ac.in/course/masters-in-ai-and-machine-learning</a>
5)	<b>Introduction to Robotics</b>	Provider: SWAYAM (NPTEL) Duration & Mode: 12 weeks   Instructor-led Certification: Yes Key Topics: Basics of robotics, mechanical and electrical systems Cost: Free / Paid Link: <a href="https://onlinecourses.nptel.ac.in/noc21_me32/preview">https://onlinecourses.nptel.ac.in/noc21_me32/preview</a>
6)	<b>Post Graduate Programme in AI and ML</b>	Provider: <a href="#">BITS Pilani</a> Duration & Mode: <u>11 months</u> Certification: <u>Yes</u> Key Topics: <u>AI fundamentals, ML systems, data integration</u> Cost: <u>Paid</u> Link: <a href="https://bits-pilani-wilp.ac.in/certification-programmes/pgp-ai-ml.php">https://bits-pilani-wilp.ac.in/certification-programmes/pgp-ai-ml.php</a>
7)	<b>Remote Sensing and GIS Technology</b>	Provider: <a href="#">ISRO e-learning portal</a> Duration & Mode: <u>Self-paced</u> Certification: <u>Yes</u> Key Topics: <u>Satellite-based remote sensing, GIS applications</u> Cost: <u>Free</u> Link: <a href="https://elearning.iirs.gov.in/">https://elearning.iirs.gov.in/</a>
8)	<b>5G Wireless Standard Design</b>	Provider: SWAYAM (NPTEL) Duration & Mode: 12 weeks   Instructor-led Certification: Yes Key Topics: 5G architecture, wireless communication systems Cost: Free / Paid Link: <a href="https://onlinecourses.nptel.ac.in/noc24_ee152/preview">https://onlinecourses.nptel.ac.in/noc24_ee152/preview</a>

\* The list is only illustrative and not exhaustive.

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