

ISTE approved Online Six Days Short Term Training Program (STTP) in association with Capgemini, India  
 on  
 Digital Transformation through Industry 4.0 Technologies (Jan 3<sup>rd</sup> to Jan 8<sup>th</sup>, 2022)

**Program Schedule**

Day and Date	Timing	Topic	Resource Person
Day 1 (3 <sup>rd</sup> Jan 2022)	10 AM to 12PM	Inauguration and Keynote Talk on <ul style="list-style-type: none"> <li>Digital Transformation : Digital transformation and its impacts in industries</li> <li>Top 10 trending technologies in Digital Transformation</li> </ul>	Mr. Manish Lunge, Senior Director, Mr. Ashwattha Sahasrabudde, Director, Capgemini India
	2.30 PM to 3.30 PM	Research Areas in trending technologies	Dr Shikun Zhou, Senior lecturer and course leader, School of Computing, University of Portsmouth, UK
Day 2(4 <sup>th</sup> Jan 2022)	10 AM to 12 PM	Internet of Things (IOT) <ul style="list-style-type: none"> <li>Fundamental and applications</li> <li>Hands on Practice</li> </ul>	Mr. Shailesh Agaskar, Senior Enterprise Solutions Architect Capgemini, India
	2.30 PM to 3.30 PM	IOT and its Applications	Dr. Mohd Helmy Bin Abd Wahab, Senior lecturer and former Head of Intelligent System Lab, UTHM, Malaysia
Day 3(5 <sup>th</sup> Jan 2022)	10 AM to 12 PM	<b>ETL and BI tools</b> <ul style="list-style-type: none"> <li>Fundamental and applications</li> <li>Industry Use cases</li> <li>Hands on Practice</li> <li>Research Scopes and problems</li> </ul>	Mr. Abhijeet Sawant, Senior Architect (Director), Capgemini, India
	2.30 PM to 3.30 PM	Business Intelligence ( Data Insights and Data Visualization)	Mr. Milind Vengurlekar, Techical Architect, Mastek, LTD



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Day 4(6 <sup>th</sup> Jan 2022)	10 AM to 12 PM	Artificial Intelligence and its aspects( Machine Learning , Deep Learning , Data Science Natural language Processing) <ul style="list-style-type: none"> <li>• Fundamental and applications</li> <li>• Hands on Practice</li> </ul>	Mr. Ramanathan, Prasad, Senior Director, Capgemini India  Ms. Mitra, Sanghamitra, Principal Solution Architect, Capgemini, India  Dr. Praveen Lalwani, VIT, Bhopal
	2.30 PM to 3.30 PM	Hands-on using Machine Learning and Deep Learning Techniques	
Day 5(7 <sup>th</sup> Jan 2022)	10 AM to 12 PM	Artificial Intelligence and its aspects( Machine Learning , Deep Learning , Data Science Natural language Processing) <ul style="list-style-type: none"> <li>• Industry Use cases</li> <li>• Research Scopes and problems</li> </ul>	Mr. Ramanathan, Prasad, Senior Director, Capgemini India  Ms. Mitra, Sanghamitra, Principal Solution Architect, Capgemini, India  Mr. Swapnil Ghuge, Team Lead, LTI, Pune
	2.30 PM to 3.30 PM	Software Testing Concepts and Tools	
Day 6(8 <sup>th</sup> Jan 2022)	10 AM to 12 PM	Block Chain and Cyber Security <ul style="list-style-type: none"> <li>• Fundamental and applications</li> <li>• Industry Use cases</li> <li>• Hands on Practice</li> <li>• Research Scopes and problem</li> </ul>	Mr. Shailesh Agaskar, Senior Enterprise Solutions Architect Capgemini, India
	12.30 PM to 1.30 PM	Valedictory Function	

**Zoom Link:**

Join Zoom Meeting

<https://zoom.us/j/91373117402?pwd=NndCbXdSbjF3aHNaeFV5cVhpUHU4dz09>

Meeting ID: 913 7311 7402

Passcode: 047295

Dr. Harshali Patil

HOD-COMP



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Prepared by  
Dr. Anand Khandare  
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Department: Information Technology

2021-2022

REPORT

**Digital Transformation through Industry 4.0 Technologies**

Date of program: 03-01-2022 to 08-01-2022

**Resource person:**

Mr. Manish Lunge, Senior Director, Capgemini India

Mr. Ashwattha Sahasrabuddhe, Director, Capgemini India

Dr Shikun Zhou, Senior lecturer and course leader, School of Computing, University of Portsmouth, UK

Mr. Shailesh Agaskar, Senior Enterprise Solutions Architect Capgemini, India

Dr. Mohd Helmy Bin Abd Wahab, Senior lecturer and former Head of Intelligent System Lab, UTHM, Malaysia

Mr. Abhijeet Sawant, Senior Architect (Director), Capgemini, India

Mr. Milind Vengurlekar, Technical Architect, Mastek, LTD

Mr. Ramanathan, Prasad, Senior Director, Capgemini India

Ms. Mitra, Sanghamitra, Principal Solution Architect, Capgemini, India

Dr. Praveen Lalwani, VIT, Bhopal

**About the Program:**

The FDP gave an overview of digital transformation and applications of IoT. Business intelligence tools and industry usecases of machine learning and deep learning were discussed. Security is the key in industry 4.0 hence block chain and cyber security aspects were discussed with case studies. This FDP has enhanced my knowledge in latest technology and would help me in my research.

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Signature of the Faculty member

Dr. Ch. Krishna Keerthi