



S.A. ENGINEERING COLLEGE

(Autonomous - Institute Level Research Centre, Affiliated to Anna University, Chennai)

Accredited by NAAC 'A' Grade & ISO 9001:2015 Certified Institution

DEPARTMENT OF INFORMATION TECHNOLOGY

MOOC COURSES COMPLETION BY FACULTY

Faculty Competency through MOOCs

Faculty members of the department are doing certification in various subjects related to the Information Technology engineering program.

The following table represents faculty competencies gained through attending different MOOCs.

ACADEMIC YEAR (2024-2025)				
S.NO	NAME OF THE FACULTY	MOOC Platform	TITLE OF THE MOOC COURSE	DATE
1.	Mr. Senthil P	Coursera	Full Stack Software Developer Assessment V2	21 July 2024
2.	Mrs. D.Chithra	Coursera	Digital Systems: From Logic Gates to Processors	10 July 2024
3.	Mrs.D.Chithra	Coursera	Full Stack Software Developer Assessment	04 Jun 2024
4.	Ms. Julia Faith S	Coursera	Introduction to Generative AI	Aug 9, 2024
5.	Mrs. S Krishnaveni	Coursera	Project Initiation: Starting a Successful Project	July 20, 2024
6.	Mrs. Veena T	Coursera	Introduction to Generative AI	July 27, 2024
7.	Mrs. Hima Vijayan	Coursera	Introduction to Generative AI	Aug 12, 2024
8.	Mrs. Seetha A	Coursera	Introduction to Microsoft Excel	July 28, 2024
9.	Mrs.A. M Sermakani	MATLAB	Calculations with Vectors and Matrices	31 July 2024
10.	Mrs.A. M Sermakani	MATLAB	The How and Why of Writing Functions	31 July 2024
11.	Dr. M. Geetha	MATLAB	Common Data Analysis Techniques	12 August 2024



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12.	Dr. M. Geetha	MATLAB	Machine Learning Onramp	12 August 2024
13.	Dr. M. Geetha	MATLAB	Programming Constructs	12 August 2024
14.	Mrs. Julia Faith S	MATLAB	Explore Data with MATLAB Plots	30 July 2024
15.	Mrs. Julia Faith S	MATLAB	Make Your Functions User-Friendly	30 July 2024
16.	Mrs. Julia Faith S	MATLAB	MATLAB Coder Onramp	03 August 2024
17.	Mrs. Julia Faith S	MATLAB	Object-Oriented Programming Onramp	31 July 2024
18.	Mrs. Julia Faith S	MATLAB	Reinforcement Learning Onramp	31 July 2024
19.	Mrs. S. Krishnaveni	MATLAB	App Building Onramp	27 July 2024
20.	Mrs. S. Krishnaveni	MATLAB	MATLAB Coding Practices for Efficiency and Performance	29 July 2024
21.	Mrs. S. Krishnaveni	MATLAB	Dates and Times	28 July 2024
22.	Mrs. S. Krishnaveni	MATLAB	MATLAB Coder Onramp	29 July 2024
23.	Mrs. S. Krishnaveni	MATLAB	The How and Why of Writing Functions	28 July 2024
24.	Mrs. Asha S	MATLAB	App Building Onramp	30 July 2024
25.	Mrs. Asha S	MATLAB	Calculations with Vectors and Matrices	02 August 2024
26.	Mrs. Asha S	MATLAB	The How and Why of Writing Functions	31 July 2024
27.	Mrs. Asha S	MATLAB	MATLAB Coder Onramp	31 July 2024
28.	Mrs. Asha S	MATLAB	Dates and Times	01 August 2024
29.	Mrs. T. Veena	MATLAB	App Building Onramp	25 July 2024
30.	Mrs. T. Veena	MATLAB	Explore Data with MATLAB Plots	26 July 2024



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31.	Mrs. T. Veena	MATLAB	Make Your Functions User-Friendly	27 July 2024
32.	Mrs. T. Veena	MATLAB	Object-Oriented Programming Onramp	26 July 2024
33.	Mrs. T. Veena	MATLAB	Reinforcement Learning Onramp	27 July 2024
34.	Mrs. D. Chithra	MATLAB	App Building Onramp	27 July 2024
35.	Mrs. D. Chithra	MATLAB	Explore Data with MATLAB Plots	29 July 2024
36.	Mrs. D. Chithra	MATLAB	Make Your Functions User-Friendly	28 July 2024
37.	Mrs. D. Chithra	MATLAB	Object-Oriented Programming Onramp	29 July 2024
38.	Mrs. D. Chithra	MATLAB	Reinforcement Learning Onramp	28 July 2024
39.	Mr. Senthil P	MATLAB	Calculations with Vectors and Matrices	31 July 2024
40.	Mr. Senthil P	MATLAB	Explore Data with MATLAB Plots	31 July 2024
41.	Mr. Senthil P	MATLAB	MATLAB Desktop Tools and Troubleshooting Scripts	31 July 2024
42.	Mr. Senthil P	MATLAB	Programming Constructs	31 July 2024
43.	Mr. Senthil P	MATLAB	The How and Why of Writing Functions	31 July 2024
44.	Mrs. Hima Vijayan	MATLAB	App Building Onramp	29 July 2024
45.	Mrs. Hima Vijayan	MATLAB	Dates and Times	29 July 2024
46.	Mrs. Hima Vijayan	MATLAB	MATLAB Coder Onramp	29 July 2024
47.	Mrs. Hima Vijayan	MATLAB	MATLAB Coding Practices for Efficiency and Performance	29 July 2024
48.	Mrs. Hima Vijayan	MATLAB	The How and Why of Writing Functions	29 July 2024
49.	Mrs. A. Seetha	MATLAB	App Building Onramp	07 August 2024



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50.	Mrs. A. Seetha	MATLAB	Image Processing Onramp	07 August 2024
51.	Mrs. A. Seetha	MATLAB	Import Irregular Data	07 August 2024
52.	Mrs. A. Seetha	MATLAB	Object-Oriented Programming Onramp	31 July 2024
53.	Mrs. A. Seetha	MATLAB	The How and Why of Writing Functions	07 August 2024
54.	Mrs. Sutha Merlin	MATLAB	App Building Onramp	05 August 2024
55.	Mrs. Sutha Merlin	MATLAB	Debugging and Error Handling	09 August 2024
56.	Mrs. Sutha Merlin	MATLAB	Organize Your Functions	12 August 2024
57.	Mrs. Sutha Merlin	MATLAB	The How and Why of Writing Functions	05 August 2024
58.	Mrs. Sutha Merlin	MATLAB	Unit Testing	05 August 2024
59.	Mrs. Valarmathi K	MATLAB	App Building Onramp	28 July 2024
60.	Mrs. Valarmathi K	MATLAB	The How and Why of Writing Functions	28 July 2024
61.	Mrs. Valarmathi K	MATLAB	Image Processing Onramp	29 July 2024
62.	Mrs. Valarmathi K	MATLAB	Import Irregular Data	29 July 2024
63.	Mrs. Valarmathi K	MATLAB	Object-Oriented Programming Onramp	28 July 2024
64.	Mrs. Sutha Merlin J	NPTEL	Accreditation and Outcome Based Learning	Aug-Oct 2024
65.	Mrs.A.M.Sermakani	NPTEL	Big Data Computing	Aug-Oct 2024
66.	Mrs. T. Veena	NPTEL	Big Data Computing	Aug-Oct 2024
67.	Mrs. Julia Faith S	NPTEL	Big Data Computing	Aug-Oct 2024
68.	Mrs. D. Chithra	NPTEL	Big Data Computing	Aug-Oct 202s
69.	Mrs.Hima Vijayan	NPTEL	Big Data Computing	Aug-Oct 2024



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70.	Mrs. Asha S	NPTEL	Big Data Computing	Aug-Oct 2024
71.	Mrs. A.Seetha	NPTEL	Big Data Computing	Aug-Oct 2024
72.	Mrs.Valarmathi K	NPTEL	Big Data Computing	Aug-Oct 2024
73.	Mrs.S.Asha	COURSERA	Search Engine Optimization (SEO)with Squarespace	08 July 2024
74.	Mrs. Hima Vijayan	INFOSYS SPRINGBOARD	Python Concurrent Programming: Multiprocessing in Python	05 December 2024
75.	Mrs. Hima Vijayan	INFOSYS SPRINGBOARD	Exploring the Relationship between UI and UX Design	06 December 2024
73.	Mrs.Seetha A	INFOSYS SPRINGBOARD	Fundamentals of Information Security	06 December 2024
74.	Mrs.Valarmathi K	INFOSYS SPRINGBOARD	Fundamentals of Information Security	04 December 2024
75.	Mrs.S.Krishnaveni	INFOSYS SPRINGBOARD	CSS3	05 December 2024
76.	Mrs.Veena T	INFOSYS SPRINGBOARD	CLDFND: Software-Defined Networking	06 December 2024
77.	Mrs. Veena T	INFOSYS SPRINGBOARD	Artificial Intelligence	15 November 2024
78.	Mrs. Veena T	INFOSYS SPRINGBOARD	Big Data	15 November 2024
79.	Mrs. Veena T	INFOSYS SPRINGBOARD	Software-Defined Networking Fundamentals	15 November 2024
80.	Mrs. Veena T	INFOSYS SPRINGBOARD	AI-first Software Engineering	21 November 2024
81.	Mrs. Veena T	INFOSYS SPRINGBOARD	Generative AI Landscape	18 November 2024
82.	Mrs. Veena T	INFOSYS SPRINGBOARD	Generative models for developers	24 November 2024
83.	Mrs. Veena T	INFOSYS SPRINGBOARD	Introduction to OpenAI GPT Models	19 November 2024



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84.	Mrs. Veena T	INFOSYS SPRINGBOARD	OpenAI Generative Pre-trained Transformer 3 (GPT-3) for developers	22 November 2024
85.	Mrs. Veena T	INFOSYS SPRINGBOARD	Problem Solving for Success	20 November 2024
86.	Mrs. Veena T	INFOSYS SPRINGBOARD	Prompt Engineering	20 November 2024
87.	Mrs. D Chithra	INFOSYS SPRINGBOARD	Artificial Intelligence	15 November 2024
86.	Mrs. D Chithra	INFOSYS SPRINGBOARD	AI-first Software Engineering	21 November 2024
87.	Mrs. D Chithra	INFOSYS SPRINGBOARD	Generative AI Landscape	18 November 2024
88.	Mrs. D Chithra	INFOSYS SPRINGBOARD	Generative models for developers	23 November 2024
89.	Mrs. D Chithra	INFOSYS SPRINGBOARD	Introduction to OpenAI GPT Models	19 November 2024
90.	Mrs. D Chithra	INFOSYS SPRINGBOARD	OpenAI Generative Pre-trained Transformer 3 (GPT-3) for developers	22 November 2024
91.	Mrs. D Chithra	INFOSYS SPRINGBOARD	Problem Solving for Success	20 November 2024
92.	Mrs. D Chithra	INFOSYS SPRINGBOARD	Prompt Engineering	20 November 2024