

“Basics of Prompt Engineering – Learn to communicate better with AI”

With the advent of ChatGPT and several other transformers, the market is rife with how it will change everything- education, business, writing poetry and society at large. Intent based Chatbots are being used widely by businesses today. This is going beyond them. But before AI has the transformational change forecast, we need to learn how to use it effectively. The new jobs emerging are "Prompt Engineers" which will help you to communicate better with AI to achieve the desired results.

This hands on course will teach how to provide instructions including a few such as , " Role prompting", "standard prompts", Zero-shot-COT(Kojima et al.2022), "few shot prompts", "Chain of thought (COT) prompting"(Wei, 2022) and self consistency . We will briefly discuss MRKL and associated systems (Karpas et al. 2022), but not work on those. Topics on reliability, bias and calibration will also be covered.

Each student will have to develop their own examples with the assistance of the instructor on refining the process. Examples including text, questions, Mathematics will be covered. Limitations on what AI can and cannot do in the near future will be discussed. Each student will have to get free access to any AI tool from Open AI or any other source. For the basic course, no programming skill is required.

Duration:

4 Weekly Webinars
Mondays at 8:00 pm IST
April 3, 10, 17, 24

Course is FREE for IUCEE Consortium members.

Please send list of 10 students and 1 faculty member with emailids to me before Mar 17.

Instructor: Dr. Shalini Gopalakrishnan.



Dr. Shalini S Gopalakrishnan is a Visiting Professor for the Graduate School of International Policy and Management (GSIPM) . Her research interests include Technology and analytics to build and accelerate social enterprises, public policy in entrepreneurship, women leadership and impact investing. Dr. Gopalakrishnan has presented at conferences across the globe and has published papers in peer-reviewed journals and book chapters. She has taught MBA, undergraduate and doctoral programs at universities across the world. In 2016, she won the best prize for teaching at the Experiential classroom XVII in entrepreneurship. In addition, Dr. Gopalakrishnan was the winner of the Global Brainstorm Challenge “Global Women’s Leadership Alliance: 5 million women change agents improving our world in 5 years. Dr. Gopalakrishnan is a judge at UC Berkley LAUNCH and BIG IDEAS competition. She is a member of Data Kind and, Youth Business USA. She has founded startups such as freelancemoms.com, Introspect and Lexion Global and worked as a consultant with A F Ferguson (then part of KPMG) and worked on projects with USAID, Fortune 500 firms and the Government. She has volunteered with Junior achievement, Big Brother Big Sister, Page 15, World Affairs Council, Girl Scouts, Hands on Atlanta and Orlando. Dr. Gopalakrishnan earned her Bachelor of Mathematics/statistics degree from Bombay University, Masters in Business(PGDM) from Indian Institute of Management, Calcutta, India and her Doctoral credentials from University of Florida. She has been teaching at MIIS since 2018