NextGen Intelli : Generative AI

22nd - 27th March 2024

[A Five Day Workshop]

Coordinators

Dr. D. Arivudainambi
Professor

Mr. V. Kanakasabapathi
Teaching Fellow

Organized by

Department of Mathematics
College of Engineering, Guindy
Anna University, Chennai-600 025.

CHIEF PATRON:
Dr. R. Velraj
Vice-Chancellor
Anna University, Chennai.

PATRON:
Dr. J. Prakash
Registrar
Anna University, Chennai.

CHAIR:
Dr. L. Suganthi
Dean
College of Engineering, Guindy.

CO-CHAIR:
Dr. L. Jones Tarcius Doss
Head of the Department
Department of Mathematics
College of Engineering, Guindy

VENUE:
Srinivasa Ramanujan Hall
Department of Mathematics
College of Engineering, Guindy.

IMPORTANT DATES:

Submission Deadline   : 21-03-24 11:00AM

Intimation of Selection   : 21-03-24 2:00PM

NextGen Intelli : Generative AI
[A Five Day Workshop]
22nd - 27th March 2024

Registration Form

Name:
Gender:
Designation:
Area of Research:
Department:
College/Organization:

Address for communication:

Phone Number:
E-Mail:
Accommodation required: Yes/No

Declaration:
I hereby declare that all the above information furnished by me are true to the best of my knowledge.

Signature of the applicant

I hereby grant permission to attend the workshop, if selected.

Signature of the
HOD/Principal with seal

About Anna University:

Anna University was established in 1978 as a unitary type of University. It offers higher education in Engineering, Technology and Allied Sciences relevant to the current and projected needs of the society. Besides promoting research and disseminating knowledge gained therefrom, it fosters cooperation between the academic and industrial communities. Anna University is ranked with NAAC: A++ 3.54/4, NIRF Ranking 2023: Overall 18; University:14; Engineering:13; Research:13 WUR-Engg.&Tech:289, South Asia:26, SDG9-Industry, Innovation & Infrastructure:101-200.

About the Department :

The Department has been started in the year 1975 with M.Sc. programme in Mathematics. In 1979, research programmes were started which are leading to M.Phil, and Ph.D. in Mathematics. Subsequently in the year 1993, it has started M.Sc. Mathematics with Diversification in Computer Science, which was renamed as M.Sc. (Computer Science) in 1997. From the academic year 2001, Five-year Integrated M.Sc. programmes in Computer Science and Information Technology are being offered.

About the workshop:

This workshop aims to introduce the participants to the fascinating world of generative AI, where machines are trained to create new content, mimic human creativity, and push the boundaries of innovation. Participants will delve into the principles behind generative AI algorithms, learn about popular models like Generative Adversarial Networks (GANs) and Variational Autoencoders (VAEs), and explore real-world applications. Through hands-on activities and practical demonstrations, attendees will gain insights into how generative AI can be leveraged to generate art, music, text, and more. By the end of the workshop, participants will have a deeper understanding of the potential of generative AI and the skills to embark on their own creative AI projects.

Course Contents:

- Introduction to Generative AI: Understanding the basics and principles
- Mathematical Foundations of Generative AI
- Popular Generative AI Models: Exploring GANs, VAEs, and other techniques
- Real-World Applications: Discovering how generative AI is used in various industries

Course Highlight:

- Hands-On Session on Python for AI
- Hands-On Activities: Engaging in practical exercises to create generative AI outputs

Resource Persons:

- Experts from Anna University, Central Universities, IITs, IIMs, NITs, and Industry

Registration Link:

https://forms.gle/pGH6DkZzfa6LB8Vf9

Eligibility:

- Faculty, Research Scholars, PG Students from AICTE Recognized Institutions
- Professionals from Industries

Registration Fees :
(Inclusive of 18% GST)

Industry	₹1500
Faculty	₹1250
Research Scholars/ PG Students	₹750
Internal* Faculty	₹750
Internal* Research Scholars/PG Students	₹500

* Anna University

Guidelines:

- Maximum of 50 participants will be allowed
- Session time will be from 9:00AM to 5:00PM
- Eligible participants will be selected based on first come first serve basis and will be intimated by email only
- Lunch will be provided
- Accommodation would be provided on payment basis if required
- No TA/DA shall be provided for the participants
- Coordinators decision will be final regarding the selection of participants

Address for Communication:

Dr. D. Arivudainambi
Professor, Department of Mathematics,
Anna University, Chennai – 600025.
Email: nextgenaiworkshop@gmail.com

Contact Numbers:

Dr. D. Arivudainambi – 98840 62624
Mr. V. Kanakasabapathi – 98427 88558