



MARIAN ENGINEERING COLLEGE

MENAMKULAM, KAZHAKUTTOM,
THIRUVANANTHAPURAM, KERALA 695582.

Website: marian.ac.in



AICTE Sponsored Six Days Online STTP on Artificial Intelligence and Applications (Term-1)

(26th July – 31st July 2021)



**Organized by
DEPARTMENT OF
COMPUTER SCIENCE & ENGINEERING**





ABOUT THE COLLEGE

The Marian Engineering College established in 2001 is affiliated to APJ Abdul Kalam Technological University (KTU). The College is being managed by the Trivandrum Social Service Society (TSSS) which is under the control of the Trivandrum Latin Catholic Archdiocese. The long-term vision is to establish a high-level center of learning, comparable to international standards with research and academic atmosphere to foster engineering education in the private sector. The rich experience gained by the Archdiocese in running educational institutions of superior quality over half a century is the driving force behind this venture. Approval from the All India Council for Technical Education (AICTE), Government of India, New Delhi is obtained for running this professional college.

ABOUT THE DEPARTMENT

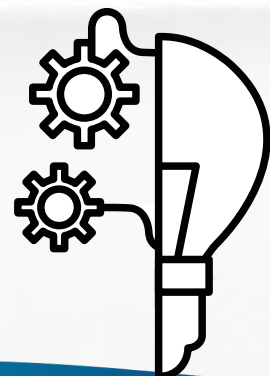
The Computer Science & Engineering Department takes pride in being abreast with the latest requirements of the industry and the changing technological environment. The department offers B-Tech course in Computer Science & Engineering and is accredited by NBA. This course emphasizes both hardware and software with strong foundations in the fundamental areas of Computer Science & Engineering. Apart from regular curriculum, emphasis is given to hands-on training and design

Vision: A department that develops self-esteemed, creative, and competent computer engineers focusing on the progress of society.

Mission: 1. To help the students groom into a highly competent computer engineer having a strong foundation and entrepreneurship skill, communication skill and ethical values.

2. To motivate the students to update their knowledge and achieve academic growth through post graduate and research programs.

3. To inculcate commitment towards society and ethical values



ABOUT THE PROGRAMME

Artificial intelligence (AI) is a research field that studies how to realize the intelligent human behaviors on a computer. The ultimate goal of AI is to make a computer that can learn, plan, and solve problems autonomously. AI is a fast-moving technology with impacts and implications for both our individual lives and society as a whole. The Scope of the STTP is to explore the latest concepts, challenges and future directions of Artificial intelligence and applications. The primary objective of this workshop is to provide theoretical and practical awareness on recent trends & technology in the field of Artificial intelligence & applications for the faculties from AICTE affiliated Institutions.

COURSE CONTENT

- The course mainly focuses on the following topics.
- Introduction to Google Colab, Python, Numpy, Matplotlib, and Pandas
- Introduction to Artificial Intelligence & Applications
- Deep Learning for Computer Vision
- Recommendation Systems and its Applications
- CNN and its Applications
- RNN, LSTM, GRU and its Applications
- Natural Language Processing



RESOURCE PERSONS

Experts from various premiere institutes and professionals from industry will conduct the sessions.

ELIGIBILITY

The Faculty Members/Research Scholars of AICTE approved Engineering College sand Professionals from Industry are eligible to apply for the course.

REGISTRATION

The participants have to fill and submit the Google form attached. The STTP will be conducted in three slots - Term 1, Term 2, and Term 3 and participants can select any one of the slots. For any clarification contact program coordinators or e-mail mecmarian.cse@gmail.com. **No registration fee**

REGISTER AT:

[HTTPS://FORMS.GLE/5VKZVA5V1ERUCGALA](https://forms.gle/5VKZVA5V1ERUCGALA)



IMPORTANT DATES

Event dates:-

Term 1: 26th -31st July 2021

Last date for registration : 21st July 2021

Intimation of selection : 23rd July 2021

Term 2: 9th – 14th August 2021

Last date for registration : 2nd August 2021

Intimation of selection : 4th August 2021

Term 3: 23rd-28th August 2021

Last date for registration : 17th August 2021

Intimation of selection : 19th August 2021



CERTIFICATION

E-Certificate will be issued to all participants who satisfied the attendance requirement as per AICTE norms and scored a minimum of 60% marks in the online test which will be conducted at the end of the respective term.

ADVISORY COMMITTEE

Very Rev. Msgr. Wilfred E (Manager)
Prof.Tomy Michael (Director of Administration)
Dr. Samson A (Director of Academics)
Dr. Ruby Abraham (Principal)
Rev. Fr. Sudheesh A (Bursar)

GENERAL CONVENER

Dr.Jayaprakash (HOD/CSE Department)

PROGRAM COORDINATOR

Dr. Sheeja Agustin, Associate Professor
CSE Department
Ph: 9446614773

CO-COORDINATOR

Ms. Reeja S.L, Assistant Professor
CSE Department
Ph: 9447553962