



# JERUSALEM COLLEGE OF ENGINEERING

(AN AUTONOMOUS INSTITUTION)

Narayanapuram, Pallikaranai, Chennai 600100

Approved by AICTE, New Delhi | Affiliated to Anna University, Chennai | Accredited by NAAC with "A" Grade



## DEPARTMENT OF B.E CSE, AI&ML, CS AND B.Tech IT, CS&BS, AI&DS

Organizing a FIVE DAY Faculty Development Program on

### Recent Techniques & Tools in Computing Domain

#### RESOURCE PERSONS



**Dr. B. HARIHARAN**  
ASSOCIATE PROFESSOR  
SRMIST



**Mr. SIVARAMAN A**  
Associate Director,  
Verizon



**Ms. SONIYA R, Sr ER**  
ZF FRIEDRICHSHAFEN



**Dr. S.P. TAMIZHSELVI**  
ASSISTANT PROFESSOR, VIT



**Mr. M. MAYAVANNAN**  
PROFESSOR IN PRACTICE, JCE

#### CONVENORS

**Dr. Maya Eapen, HOD - CSE**

**Dr. K. Sundaramoorthy, HOD - IT**

**Dr. M. S. Jeyalakshmi, HOD - AI&DS**

**Dr. D. Parameswari, HOD - AI&ML**

#### CHIEF PATRON



**Dr. M. MALA**  
Chairperson

#### PATRON



**Dr. RAMESH S**  
Principal



12.06.2024 to  
18.06.2024



Offline Mode



CSE 4th Floor  
Seminar Hall



## Organizing Committee

### Chief Patron:

Prof. Dr. M. Mala, Chairperson

### Patron:

Dr. Ramesh S, Principal

### Convenors:

Dr. Maya Eapen, HOD-CSE

Dr.K.Sundaramoorthy, HOD-IT

Dr.D.Parameswari, HOD-AIML

Dr.M.S.Jeyalakshmi, HOD-AIDS

### Coordinators:

Dr.T.Dhanalakshmi / 9444183796

Mrs.B.Shenbagavalli / 9842689869

Dr.D. Sudhagar / 9442606333

Mrs.S.Vinitha / 9894226675

### Registration fee:

Faculty/Research Scholars - ₹200

### Registration Link:

<https://forms.gle/XAh2U7Zt5ogdZtfN8>



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**12<sup>th</sup> June 2024 – 18<sup>th</sup> June 2024**





## About the College:

Jerusalem College of Engineering was established in the year 1995 under the umbrella of Jerusalem Education Trust to impart quality engineering education. Over the period of 28 years it has made a mark of itself and got established as an institution which offers excellent engineering education. It is one of the very rare Institutes which is situated in close proximity to premier educational institutes and also the IT Hub of Chennai. The institute offers 10 Under graduate and 6 Post graduate courses in Engineering, Technology and Management. The Institute has very good infrastructural facilities and laboratories with state of the art equipment. The institute has been consistently getting University Ranks at both the UG and PG level. The institute is accredited by NAAC and NBA.

## About the Department:

The Department of Computer Science and Engineering was established in the academic year 1995-1996, offering a four-year B.E. degree program with an intake of 120 students. Additionally, the department offers a four-year B.Tech Computer Science and Business System program starting from the academic year 2022 2023. The Department of Information Technology was established in the year 1999, offering a four-year B.Tech degree program with an intake of 60 students. Additionally, the department started offering a four-year B.Tech Artificial Intelligence and Data Science program from the academic year 2022 2023. The Department of Artificial Intelligence and Machine Learning was established in the academic year 2022 2023, offering a four-year B.E. degree program. In the same academic year, the Department of Cyber Security was also established.

## About the FDP:

The field of computer science is being propelled forward at an incredible pace by constant innovation and new technological developments. As we move further into the 21st century, various exciting new technologies with transformative potential have emerged. In this FDP, we explore five most promising emerging technologies in computer science and their wide-ranging impacts.

## Topics to be Delivered:

- Cyber crime and its tools
- Business analytics and its tools
- Cloud security with its service
- Generative AI and Vertex AI Workbench
- Design and development with raspberry Pi

## Renowned Speakers:

1. Ms.Soniya R, Senior Engineer,  
ZF FRIEDRICHSHAFEN, Chennai
2. Mr.Sivaraman Arumugam  
Associate Director, Verizon, Chennai
3. Dr.B.Hariharan, Associate Professor,  
Dept of Computational Intelligence  
SRM IST – Chennai
4. Dr.S.P.Tamizhselvi,  
Assistant Professor,  
SCOPE, VIT - Vellore
5. Mr.M.Mayavannan,  
Professor in Practice,  
Department of Cyber Security,  
JCE