

INTERNATIONAL CONFERENCE
ON
RECENT TRENDS IN DATA SCIENCE

Organized by

PG DEPARTMENT OF DATA SCIENCE

ST. XAVIER'S COLLEGE(AUTONOMOUS)

(Recognized as "College with Potential for Excellence" by UGC)

(Accredited at "A⁺⁺" Grade with a CGPA of 3.66 out of 4 in IV cycle by NAAC)

PALAYAMKOTTAI, TIRUNELVELI - 627002

(21st - 22nd February 2024)

You are cordially invited to the Inaugural function at 9.45 a.m. on 21st February 2024

Venue: Fr. Miranda Hall

INAUGURAL FUNCTION

1. Imploring God's Blessings : Department Choir
2. Welcome Address : **Dr. A. Lourdusamy**
HOD, Department of Data Science
St. Xavier's College, Palayamkottai
3. Releasing of College Journals Website : **Rev. Dr. V. Henry Jerome, S.J.**
releases the College Journal's webpage

developed by Data Science Department : **Rev. Dr. S. Mariadoss, S.J.**
releases the Webpage of Arts Journal

Rev. Dr. G. Pushparaj, S.J.
releases the Webpage of Science Journal
4. Presidential address : **Rev. Dr. S. Mariadoss, S.J.**
Principal, St. Xavier's College, Palayamkottai
5. Felicitations : **Rev. Dr. G. Pushparaj, S.J.**
Secretary, St. Xavier's College, Palayamkottai.

: **Dr. B. Xavier Innocent**
Deputy Principal, St. Xavier's College, Palayamkottai
6. Chief Guest's Message : **Dr. A. Anitha**
Head, Department of AI & DS,
FX Engineering College, Tirunelveli
7. Inaugural address : **Rev. Dr. V. Henry Jerome, S.J.**
Rector, St. Xavier's College, Palayamkottai.
8. Vote of Thanks : **Dr. A. Natarajan**
Department of Data Science,
St. Xavier's College, Palayamkottai.

21st February 2024

(Venue: Fr. Miranda Hall)

9:15 a.m : Registration & Tea

9.45 a.m. -10.30 a.m. : Inauguration

10.30 a.m. –11.30 a.m. : Invited Talk

Machine Learning Models with Python

Dr. A. ANITHA

Professor & Head

Department of AI &DS

Francis Xavier Engineering College, Tirunelveli.

11.30 a.m. - 12.30 p.m. : Invited Talk

Imaging and Raman Spectroscopy in Precision Agriculture

Dr. J. Praveen Kumar

MIT-Singapore Alliance, Singapore.

12.30 p.m. - 1.00 p.m. : Invited Talk

The symphony of Data science in the Digital Age

Ms. Oviya

Uhasselt University

Martelarenlaan 42, 3500 Hasselt

Belgium.

1.00 p.m. – 2.00p.m. : Lunch

2.00 p.m. – 2.45 p.m. : **The power of Big Data Analytics**

Dr. Jayati Bhadra

St. Joseph's University, Bengaluru.

2.45 p.m. –3.30 p.m. : Invited Talk

How LLMs are used in Market Research Synthesis

Mr. Raghavendran

Novartis, Hyderabad.

3.30 p.m. – 3.45 p.m. : Tea Break

3.45 p.m. – 5.30 p.m. : Paper Presentation

Group-I : Online

Group-II : Online

22nd February 2024
(Venue: Fr. Causannel Hall)

- 9.00 a.m. – 10.00a.m. : Invited Talk
Role of Machine Learning in Fog Intelligence
Dr. Angela Jennifa Sujana
Professor & Head, Dept. of AI & DS
MEFCO College of Engineering, Sivakasi.
- 10.00 a.m.– 11.00 a.m. : Invited Talk
Applications of Machine learning Algorithms
Dr. R. Balasubramanian
Professor & Head i/c,
CITE, MS University, Tirunelveli.
- 11.00 a.m. – 11.15a.m. : Tea Break
- 11.15 a.m.–12.15 p.m. : Invited Talk
Generative AI
Dr. V. Kalaivani
Professor & Head,
Dept. of AI & DS, National Engineering College,
Kovilpatti.
- 12.15 p.m. – 1.00 p.m. : **DATA EXPLORATION: AI-DRIVEN CREATIVITY IN
DATA SCIENCE**
Dr. J. Remy
Department of Computer Science,
St. Xavier's College, Palayamkottai.
- 1.00 p.m. – 2.00 p.m. : Lunch
- 2.00 p.m. – 3.00 p.m. : **Cloud and Data Analytics**
Dr. Raja Selvaraj
Standard Chartered Bank, Singapore.
- 3.00 p.m. – 3.15p.m. : Tea Break
- 3.15 p.m. – 5.00. p.m. : Paper Presentation
Group-III Offline
Group- IV Online

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You are cordially invited to the Valedictory function at 5.00 p.m. on 22nd February 2024

Venue: Fr. Causannel Hall

VALEDICTORY FUNCTION

*You are cordially invited to the valedictory function of the conference at 05.00 p.m. on
22nd February 2024 in Fr. Causannel Hall in the college premises.*

Dr. A. Natarajan

Welcomes the gathering

Dr. A. Lourdusamy

Presents the report of the conference

Rev. Dr. Henry Jerome, S.J.,

*Rector, St. Xavier's Institutions, Palayamkottai,
presides over the function.*

Rev. Dr. G. Pushparaj, S.J.,

*Secretary, St. Xavier's College, Palayamkottai,
felicitates.*

Dr. B. Xavier Innocent

*Deputy Principal, St. Xavier's College, Palayamkottai,
felicitates*

Rev. Dr. S. Mariadoss, S.J.,

*Principal, St. Xavier's College, Palayamkottai,
offers Valedictory address*

Dr. Y. Sunil Raj

*Department of Data Science, St. Xavier's College, Palayamkottai
proposes the vote of thanks.*