



Academic Year 2023-24, Semester-II

Date: 16/02/2024

Event Coordinators: Prof. Raksha A. Naidu, Prof. Prashant Mandale

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1. **Name of Event:** Guest lecture on “Building Blocks of AI, ML and Data Science”
2. **Date of Execution:** 16th February 2024
3. **Duration of Event (hours/days):** 1.5 Hrs
4. **Number of Participants:** 150 students
5. **Sanctioned Budget (if applicable):** _____
6. **Total Expenditure:**
7. **Enclosures (check list):** Tick

<input type="checkbox"/>	Permission from Head of Institute
<input type="checkbox"/>	Flyer (if any)
<input type="checkbox"/>	Expert Person Profile
<input type="checkbox"/>	Registration Details
<input type="checkbox"/>	Expense Details with Receipts
<input type="checkbox"/>	Photographs
<input type="checkbox"/>	Attendance Sheets
<input type="checkbox"/>	EO-PO/PSO Attainment

Objectives of the Event:

EOB1: To gain insights into the latest developments, emerging trends, and the future trajectory of Artificial Intelligence, Machine Learning and Data Science.

Outcomes of the Event:

Students will be able to

EO1: Understand the fundamentals of Artificial Intelligence, Machine Learning and Data Science. EO2: Identify applications of AI, ML and Data Science and potential advancements in these fields.

EO-PO-PSO Mapping Matrix

EO\PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
EO1	3	2	2	-	-	-	-	-	-	-	3	2	3	-	-
EO2	2	2	2	2	2	-	-	-	-	-	2	2	-	-	-

Dr.Prashant Mandale
Faculty Sponsor

Dr.Ajitkumar Shitole
Head of Department,CE

Dr.Jyoti Surve
Head of Department,IT

Date: 12th Feb 2024

To,

The Principal,
Hope Foundation's
International Institute of Information Technology, Pune-57.

Subject: Permission to conduct an Eminent Speaker Program.

Respected Madam,

With respect to the above subject, the ACM Student Chapter of our institute wants to conduct an Eminent Speaker Program on 16th February 2024 for TE and BE students on topic "Building Blocks of AI, ML & Data Science". Through this event the students will get knowledge of AI, ML & Data Science, highlighting their nuances. Includes Prolog exercises, ML taxonomy, Deep Learning examples, Python setup, and analytics processes.

We request you to grant us permission with reference to the subject mentioned above.

The resource person details:

Name of the Expert: Dr. Prashant R. Nair

Affiliation/Designation: Eminent Speaker of ACM and Associate Professor, Computer Science
& Engineering

Name of the Organization: Amrita Vishwa Vidyapeetham University, Coimbatore.

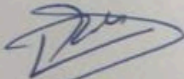
Email ID: prashant@amrita.edu

Details are as follows:

Date: 16th Feb 2024

Time: 03:00 pm to 4.30 pm.

Venue: Convention Centre (CC)


Mr. Prashant L. Mandale
Faculty Coordinator
I2IT ACM Student Chapter



Approved.
Patil
12/02/24.
Dr. Vaishali Patil
Principal



I2IT ACM
STUDENT CHAPTER

“Building Blocks of AI, ML and Data Science”

Keynote Speaker : Dr. Prashant R. Nair

Designation: Head-IQAC, Amrita Vishwa Vidyapeetham

Date & Time : 16/02/2024, 3:00 to 4:30 p.m

Venue : Convention center, I2IT Campus

Attendees : 150 (approx)

Anchor: Harshdeep Bhardwaj, Pranathi Bhat

Marketing strategy and Promotional Activities :

- Message circulation on social media. (whatsapp, Instagram, linkedin)
- Class promotion and network marketing
- Meme-based marketing
- Promotional videos.
- Posters and advertisements.

Brief of the Event :

After introducing the speaker, Jyoti Maam (IT HOD) felicitated Sir. Dr. Prashant started off the event by explaining his expertise, where he mentioned his usual topic to speak on was Hackathons. Then he dove into today's topic, The main topics that were explained included :

- The Interconnection between AI, ML and data science.
- Data science : Used to build ML models, artificial intelligence and systems. The foundation for everything which works on “Big data”. Data is the basis of prediction for a lot of activities.
- Deep learning : It works on neural networks. It is a method in artificial intelligence (AI) that teaches computers to process data in a way that is inspired by the human brain

- AI : An imitation of human intelligence.
- ML : It deals with pattern recognition and prediction modeling. He introduced us to 3 types of machine learning :
 - Supervised ML
 - Unsupervised ML
 - Reinforcement ML

After that he touched the surface of Prolog (PROgramming in LOGics). He also gave an example where he told how relations can define rules. He then concluded his discussion and the audience was allowed to ask questions.

Q&A session :

Three questions were asked, first was on how to win a hackathon, one was related to a sarcasm detection system and the last was about authenticity in this world where fake content is so easy to make. Dr.Prashant addressed and answered all the questions.

Quiz :

A short quiz was conducted in groups of three, the winners were given ACM goodies.

Glimpses of the Event-



INTERNATIONAL INSTITUTE OF INFORMATION TECHNOLOGY (I²IT)
An Engineering college
[Approved by AICTE|recognised by DTE,Govt. of Maharashtra|Affiliated by Savitribai Phule Pune University]
Accredited by NAAC



AACSB
ACCREDITED

DEPARTMENT OF COMPUTER ENGINEERING AND INFORMATION TECHNOLOGY
Present

Eminent Speaker Program

BUILDING BLOCKS OF AI, ML & DATA SCIENCE

 **FRIDAY
16 FEB**

 **TIME
3:00 TO 4:30 PM**

 **CONVENTION
CENTER**



SPEAKER : DR. PRASHANT R. NAIR
Head-IQAC, Amrita Vishwa Vidyapeetham

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A Project Of Hope Foundation - Finolex

The Event banner



Prashant Sir giving an Introduction of AI,ML and DataScience



While explaining the different types of Machine learning



Students clarifying their doubts during the QnA session

