SRI SATHYA SAI INSTITUTE OF HIGHER LEARNING

(Deemed to be University)

INSTITUTION'S INNOVATION COUNCIL

AND

DEPARTMENT OF MATHEMATICS AND COMPUTER SCIENCE
ORGANIZES A WORKSHOP

Innovate 360

Unveiling the Power of Data Science, Computing and Beyond

-2024

February 12th-16th

SRI SATHYA SAI INSTITUTE OF HIGHER LEARNING

PRASANTHI NILAYAM

सत्यं वद धर्मं चर

INSTITUTION'S INNOVATION COUNCIL
(Ministry of Education Initiative)

MoE's INNOVATION CELL
(GOVERNMENT OF INDIA)

About University

The Sri Sathya Sai Institute of Higher Learning integrates ethics and values into every subject. With a focus on academic excellence, it offers a holistic framework for student development, reminiscent of the ancient Indian 'GURUKULA' system. Founded to instill ethical and moral values, these principles underpin all subjects. SSSIHL's holistic education is rooted in the teachings of its revered Founder Chancellor, Bhagawan Sri Sathya Sai Baba.

About Campus

Nestled amidst the captivating hills is the abode of serenity, knowledge and spirituality- the Muddenahalli Campus of the Sri Sathya Sai Institute of Higher Learning is a beacon of academic excellence. Days filled with a gentle breeze and apricitic sunlight, with corridors buzzing with students dedicated to achieving distinction in whatever they do, the campus is truly an abode of serenity, knowledge and spirituality.

Organizing Committee

- **Faculty of Department of Mathematics and Computer Science (DMACS), Muddenahalli Campus.**

- **Members of IIC**
  (Faculty & Students) :

  Dr. K Vengata Krishnan
  Sri J Sai Govardhan
  Anirudh Yandrapu
  Ritu Raj Pradhan
  Sumukha Sreenidhi
  Guru Prasanth R S
  Karthikeya B H
  Raj Guragain
  Akshat Singh

About Department

The Department of Mathematics & Computer Science (DMACS) provides a mix of expertise in both Mathematics and Computer Science, enabling interdisciplinary research. With top-notch facilities, it focuses on theoretical and technological research. DMACS has partnered with IT industries through MoUs to create socially relevant solutions/products.

About Innovate 360

This is a transformative workshop offering an immersive journey into the dynamic realms of data science and computing. Through engaging talks on diverse topics such as memes, GIS, and actuarial science, students will gain invaluable insights into cutting-edge technologies and interdisciplinary applications, empowering them to innovate and excel in their fields.

Schedule

12th Feb 2024

INAUGURAL SESSION — 10:00 AM
Chief Guest : **Prof. B. RAGHAVENDRA PRASAD**
VICE CHANCELLOR, SSSIHL

SRI VIGNESHWARAN — 11:30 - 1:00 PM
Behind the Meme Screen: The Role of Artificial Intelligence in Shaping Social Media Discourse

SRI SURYA LAMICHANEY — 2:00 - 3:30 PM
Significance of Domain knowledge in Data Science

SRI ASHIK RAI & SRI GIGME LEPCHA — 3:30 - 5:00 PM
Mastering the Full-Stack: Bridging Frontend and Backend Development

13th Feb 2024

SRI AJAY MUKUND — 10:00 - 1:00 PM
Transformers and Large language models

SRI ARUNRAJ GOPALSAMY — 2:00 - 5:00 PM
IoT Data Analytics

14th Feb 2024

SRI ANAND RANGANATHAN — 10:00 - 5:00 PM
GIS (The confluence of Science, IT, and Management)

15th Feb 2024

SRI SAMIK — 10:00 - 11:30 AM
LLM and Vector Databases for large Scale Document Curation

SRI SUBHANKAR M — 11:30 - 1:00 PM
Behind The Cloud

SRI PRANAV SRINIVAS DUTTA — 2:00 - 5:00 PM
Uninformed and Informed Graph Traversal Strategies

16th Feb 2024

SRI JYOTIN PADHI & SRI VENKAT KILARU — 10:00 - 1:00 PM
Spark Optimization Techniques

SRI SATHYA SAI MUDIGONDA — 2:00 - 3:30 PM
Interpretable Machine Learning - An Actuarial Case Study

VALEDICTORY SESSION — 3:30 - 4:30 PM
Chief Guest : Prof. Pallav Kumar Baruah
PROFESSOR & DEAN OF SCIENCES