

Sri Sathya Sai College for Women, Bhopal

(An Autonomous College affiliated to Barkatullah Vishwavidyalaya, Bhopal)
(NAAC Accredited 'A' Grade)



NATIONAL WORKSHOP ON

INNOVATIONS IN TEACHING & LEARNING

Organized by

Department of Computer Science & Applications



SEPTEMBER 17, 2022 - 1 PM TO 3 PM
WILL BE LIVE ON OUR YOUTUBE CHANNEL

Registration Link : <https://forms.gle/kbSmSKyhjH9hHZfe7>



GUEST SPEAKERS



Dr. Amit Sinhal
Professor

Institute of Engineering &
Technology
JK LakshmiPat University

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Dr. Umesh Gupta
Associate Professor

Institute of Engineering &
Technology
JK LakshmiPat University

[View Profile](#)

Chief Patron

Dr. Meena Pimpalpure, Chairman, College Governing Body

Patron

Dr. Asha Agarwal, Principal

Co-Patron

Dr. Jyotsna Galgale, Vice-Principal

Convenor

Smt. Vaishali Kadwey, HoD, Dept. of Comp. Sc. & Appl.

Organizing Secretary

Smt. Chhaya Makhijani, Asst. Professor, Dept. of Comp. Sc. & Appl.

Moderator

Ms. Girjesh Chouhan, Asst. Professor, Dept. of Comp. Sc. & Appl.

Organizing Team

[Department of
Computer Science & Applications]

- Smt. Ekta Sabbarwal, Asst. Professor
- Ms. Kanchan Chaturvedi, Asst. Professor
- Smt. Asha Gaikwad, Lab Technician
- Ms. Usha Prasad, Lab Technician

CONTACT

9039537250,
9827452700

Website

<https://srisatyaiaiedubpl.org/>

Location

<https://goo.gl/maps/VVHtPLizKDE1ncRA6>

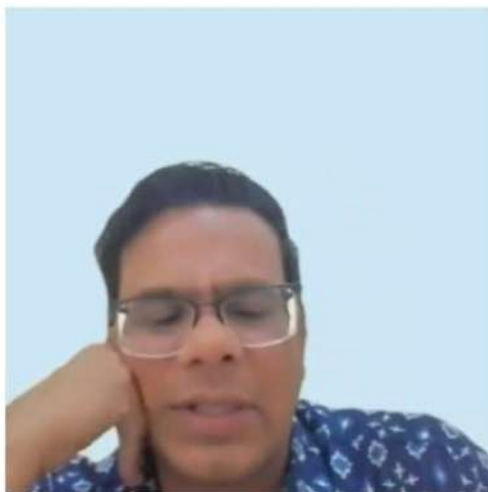
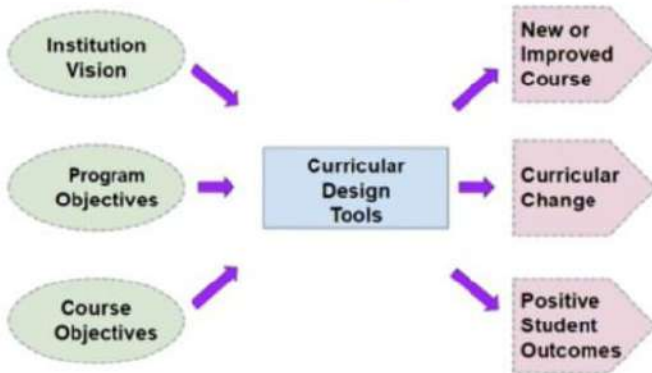
National Workshop on Innovations in Teaching and Learning

17th September 2022



The OOAA framework - Objective

Course Objectives ← Program Objectives



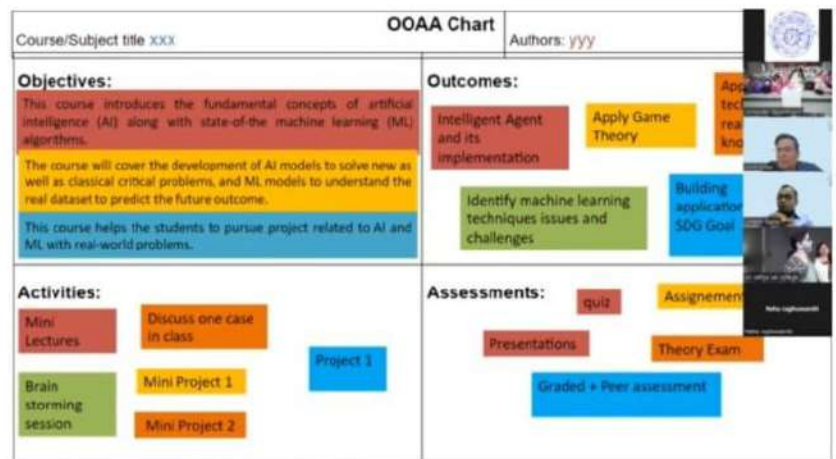


National Workshop on Innovations in Teaching and Learning 17th September 2022

Outcomes

On successful completion of this course, the student will be able to:

1. Write simple Python programs using various datatypes, control structures, decision statements, loops, libraries, and functions.
2. Develop Python programs using libraries, and files.
3. Develop programs for analyzing and interpreting complex situations in various domains in sustainable development by combining various Linear Algebra, Statistics, and problem-solving techniques.
4. Model complex systems as linear simultaneous equations and analyze the same using matrix methods.
5. Model data as matrices and find Eigenvalues and Eigenvectors and apply the same for problem-solving e.g., ranking and performance analysis.
6. Summarize and visualize different datasets.
7. Analyze and interpret different datasets using discrete and continuous probability distributions and apply the same for problem-solving, e.g., Goodness of Fit.
8. Formulate and validate hypotheses with reference to different datasets.
9. Apply correlation, regression, and least square method, for modeling, analysis, interpretation, and forecasting.





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