

Schedule:

Day #	Date	Topics to be covered
1	2 nd June, 2025	Introduction to Python, Variables, Data Types, Operators, Conditional Statements.
2	3 rd June, 2025	Loops, Sequences in Python: List, Tuples, Strings, Sets, Dictionaries.
3	4 th June, 2025	Files in Python (File Input/Output operations, Opening, Closing, Reading, Writing, Deleting, File Objects in python), Modules.
4	5 th June, 2025	Functions in Python and OOPs concepts.
5	6 th June, 2025	Exception Handling, Libraries and Packages: NumPy and Pandas, SciPy, Scikit-learn, TensorFlow, Keras, NLTK.
6	7 th June, 2025	GUI Programming, Data Visualization, Matplotlib, Small Project, Exam.

Organizers

CHIEF PATRON

Prof. T. Kishen Kumar Reddy
Vice-Chancellor, JNTU Hyderabad

PATRONS

Dr. K. VIJAYA KUMAR REDDY
Rector, JNTUH
Dr. K. VENKATESHWARA RAO
Registrar, JNTUH

CHAIRMAN

Dr. S. VISWANADHA RAJU
Senior Professor of CSE & Principal, JNTUH UCEJ

VICE-CHAIRMAN

Dr. K. SRINIVAS
Associate Professor of EEE & Vice Principal

COORDINATOR

Dr. B. SATEESH KUMAR
Professor & Head, Dept. of CSE.

ORGANIZING COMMITTEE

Dr. K. SHAHU CHATRAPATI, Professor, Dept. of CSE
Sri. P SREENIVASA RAO, Associate Professor, Dept. of CSE
Mr. O. RAJU, Assistant Professor(C), Dept. of CSE
Mr.T. VENKATESH, Assistant Professor(C), Dept. of CSE

STUDENT COORDINATORS

G. Aruna, 24JJ1A0522, #62812 57819
M. Ajay, 24JJ1A0540, #93906 33809



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
UNIVERSITY COLLEGE OF ENGINEERING JAGTIAL
(Accredited by NAAC: A+ Grade, Autonomous)

DEPARTMENT OF
COMPUTER SCIENCE AND ENGINEERING
(Accredited by NBA, UG:CSE)

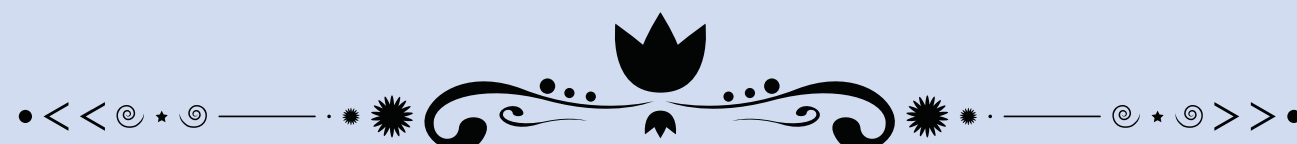
Organizes
a Six Days Workshop on
“Python Programming”
(02-06-2025 to 07-06-2025)

Last Date for Registration

“01-06-2025”

For more Details visit:

www.jntuhcej.ac.in



~ “In technology, continuous learning is the fuel that ignites innovation and propels progress”

About JNTUHUCEJ

JNTUH University College of Engineering Jagtial (JNTUH UCEJ) was established in the year 2007 as a constituent college of Jawaharlal Nehru Technological University Hyderabad. The College was approved by AICTE, New Delhi and recognized by UGC under Section 2 (f) & 12 (B) of the UGC Act, 1956. JNTUHCEJ has received THE ENGINEERING EDUCATORS AWARD from the University of Bradford, UK and Education Matters for exemplary commitment and impactful positive contribution to the education sector on 8th February, 2014. The College was accredited by NAAC with A+ in 2022. The three UG Programs : such as CSE, EEE & ME offered by the college are accredited by NBA. The College was located in a serene and green environment with well equipped and state of the art laboratories in all the departments, The faculty are highly qualified and about 90% of them are Doctorates .

Institution Vision

The aspiration is to emerge as a premier institution in technical education in producing professional and competent engineers capable of making valuable contributions in Engineering and Technology.

Institution Mission

The aspirations shall continue to fulfill With the support of diligent, assiduous, industrious, and highly qualified faculty.

- With state-of-art facilities for knowledge enrichment of students.
- Guiding and training students in conjunction with needs of industry

About The Department

The Department of Computer Science and Engineering was established in the year 2007. The Department offers UG and PG Programs. It was accredited by NBA for UG-CSE. The Department has been maintaining high standards in imparting quality education in Computer Science. The Department has state of the art infrastructure and computing equipment supported by high speed internet and wireless networks. The faculty in the department comprises of one Senior Professors, two Professors, one Associate Professors and two Assistant Professors (C). The Department faculty have more than 500 publications, filed more than 15 patents and undertaken more than 5 funded research projects. The thrust areas of research include Machine Learning, Artificial Intelligence, Image Processing, Real time operating Systems, Neural Networks, Data mining, Information retrieval and Web mining, Information Security, Networks, Operating Systems, Distributed Systems, Parallel processing and Human Computer Interaction.

Department Vision

The aspiration is to provide innovative centric professional education in Computer Science and Engineering.

Department Mission

The aspirations shall continue to fulfill:

- Imparting quality education through innovative teaching learning practices.
- To provide the state-of-the-art infrastructure and technology to suit academic and industry requirements
- Inspire and Motivate the students and staff to attain professional computing and research skills for the continuous improvement.

About Workshop

Python Programming is a versatile and beginner-friendly programming language widely used in fields such as web development, data science, artificial intelligence, automation, and more. This 5-day hands-on workshop is designed to provide participants with a strong foundation in Python programming, covering essential concepts such as variables, data types, control structures, functions, file handling, and object-oriented programming. In addition, the workshop includes practical sessions on working with libraries like NumPy, Pandas, and Matplotlib. Through interactive coding exercises and real-world examples, participants will gain confidence in writing Python scripts and building simple applications. By the end of the program, attendees will be equipped with the skills needed to develop Python-based solutions for various domains and continue their journey in software development and data science.

Technologies Covered

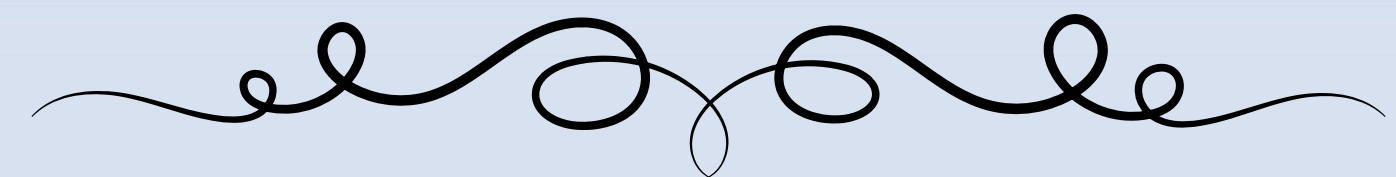
- Core Python – Data Types, Loops, Functions, OOP
- NumPy, Pandas – Data Manipulation
- SciPy, Scikit-learn – Scientific Computing & ML
- TensorFlow, Keras – Intro to Deep Learning
- NLTK – Basic NLP
- Matplotlib – Data Visualization
- GUI Programming

Workshop Outcomes

1. Gain a solid understanding of core Python concepts, including data types, control structures, and OOP.
2. Work with files, modules, and handle exceptions effectively in Python programs.
3. Perform data manipulation and analysis using NumPy and Pandas.
4. Apply scientific computing and basic machine learning using SciPy and Scikit-learn.
5. Explore deep learning and NLP basics with TensorFlow, Keras, and NLTK.
6. Create data visualizations using Matplotlib and build simple GUI applications with Tkinter.

Registration Link:

<https://forms.gle/qE18Twq2u3txbz2R9>





Welcome



A Six Days Workshop on **PYTHON PROGRAMMING**

(02-06-2025 to 07-06-2025)



“Experienced industry professionals will provide hands-on training to help you master Python programming from basics to advanced. Join us to build real-time projects and strengthen your coding skills!”

COORDINATOR:

Dr. B. SATEESH KUMAR

**Professor & Head,
Dept. of CSE, JNTUHUCEJ**

Organized by:

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
(Accredited by NBA)**

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
UNIVERSITY COLLEGE OF ENGINEERING JAGTIAL
(Accredited by NAAC: A+ Grade, Autonomous)**



GPS Map Camera

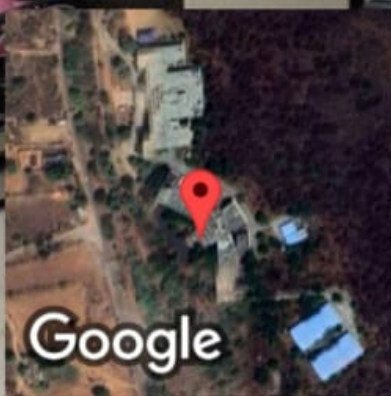
Jagtial, Telangana, India

Academic Block 1, Telangana 505501, India,

Jagtial, Telangana 505501, India

Lat 18.662885° Long 78.908786°

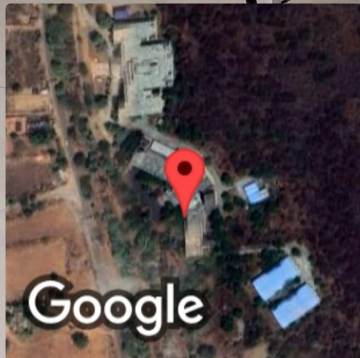
04/06/2025 04:59 PM GMT +05:30



Google



GPS Map Camera

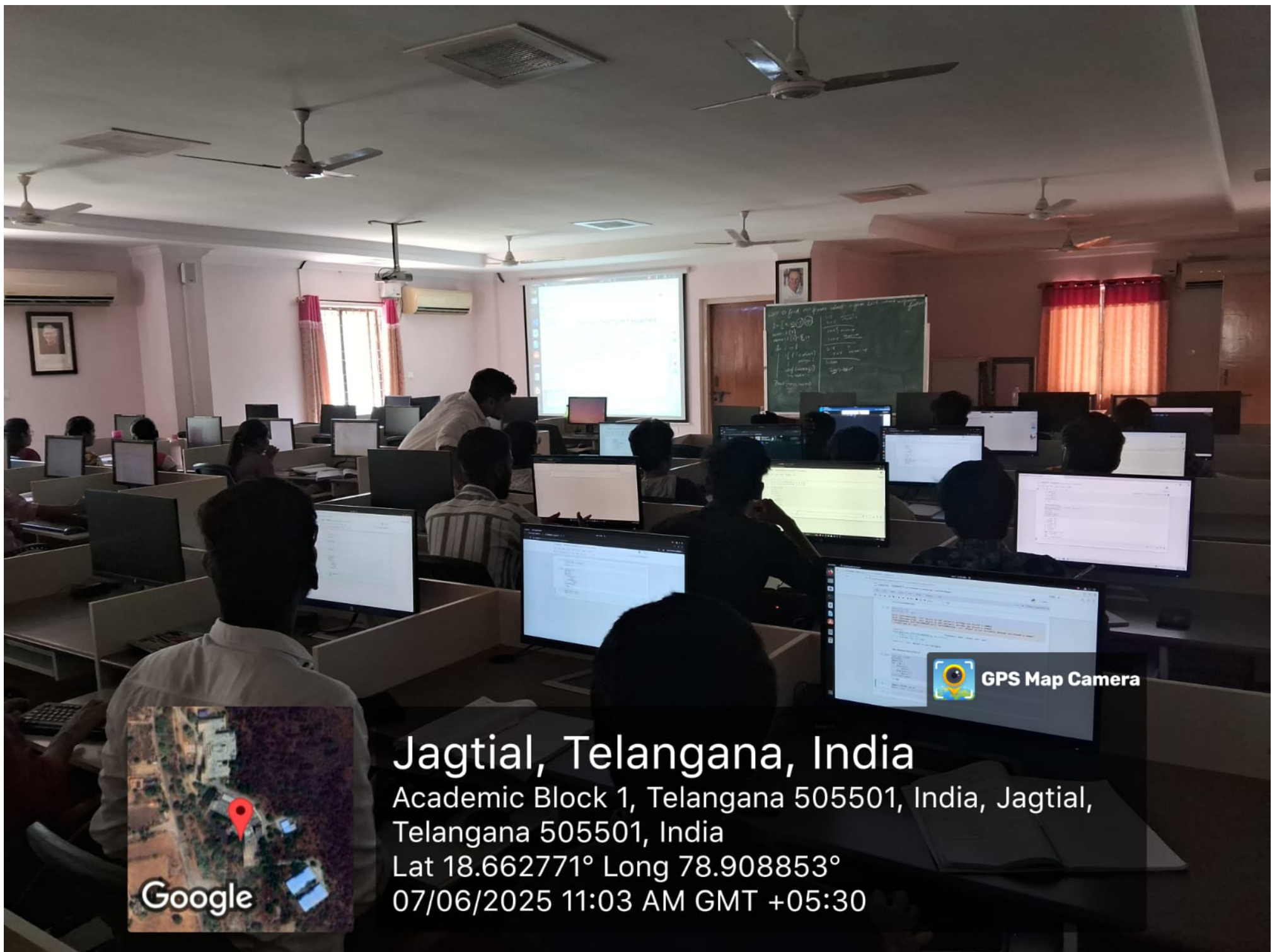


Jagtial, Telangana, India

Academic Block 1, Telangana 505501, India, Jagtial,
Telangana 505501, India

Lat 18.662764° Long 78.908888°

07/06/2025 03:39 PM GMT +05:30



GPS Map Camera



Jagtial, Telangana, India

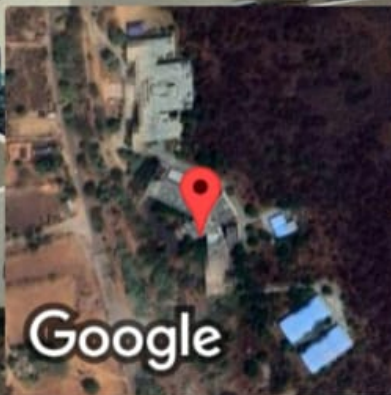
Academic Block 1, Telangana 505501, India, Jagtial,
Telangana 505501, India

Lat 18.662771° Long 78.908853°

07/06/2025 11:03 AM GMT +05:30



GPS Map Camera



Jagtial, Telangana, India

Academic Block 1, Telangana 505501, India,

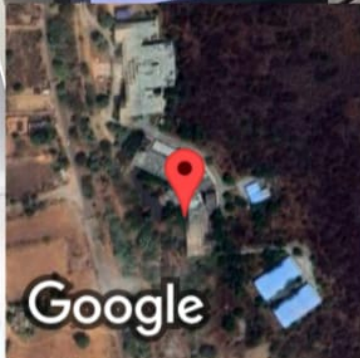
Jagtial, Telangana 505501, India

Lat 18.662855° Long 78.908857°

04/06/2025 05:58 PM GMT +05:30



GPS Map Camera



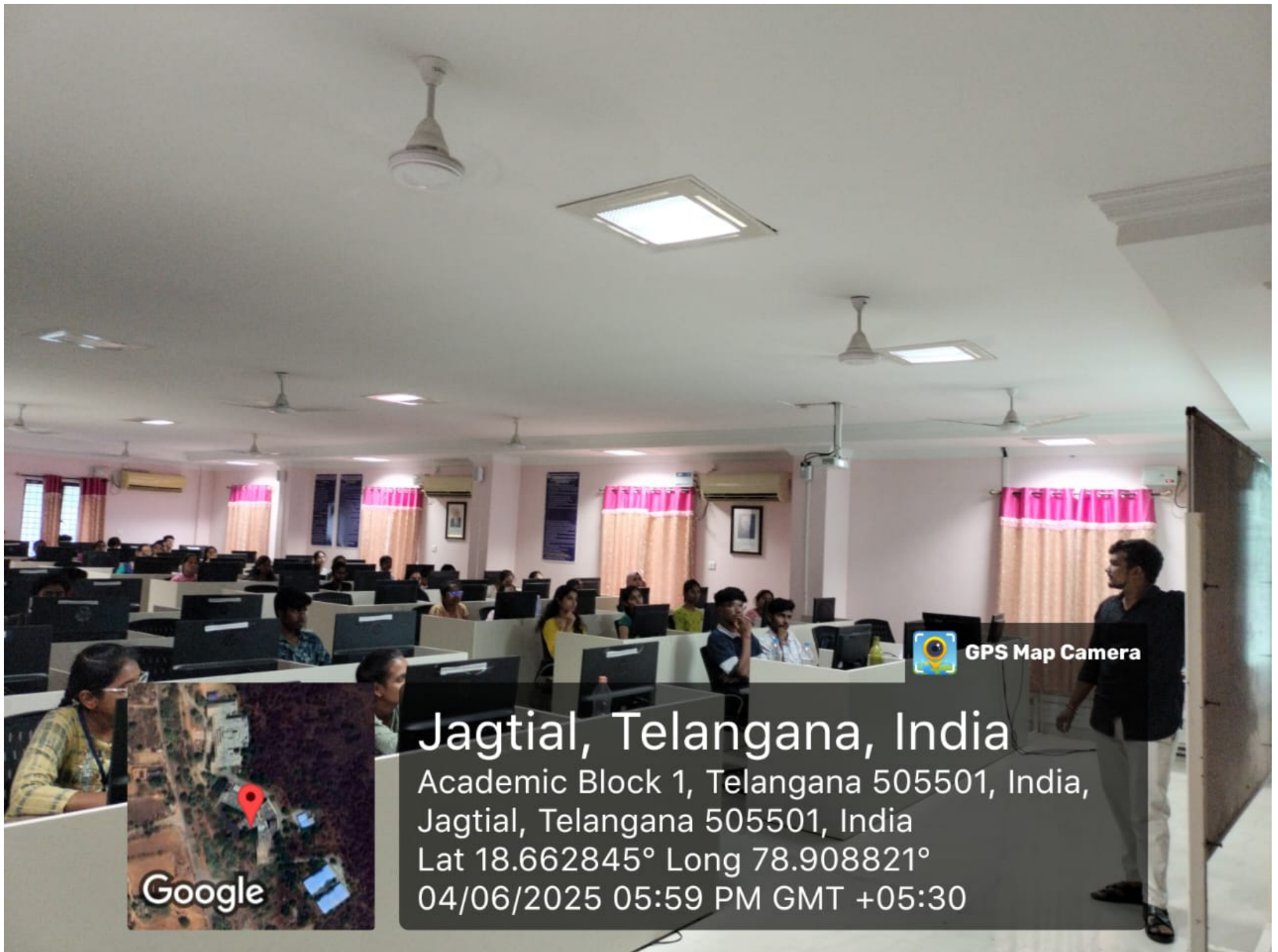
Google

Jagtial, Telangana, India

Academic Block 1, Telangana 505501, India, Jagtial,
Telangana 505501, India

Lat 18.662762° Long 78.908875°

07/06/2025 11:04 AM GMT +05:30



GPS Map Camera

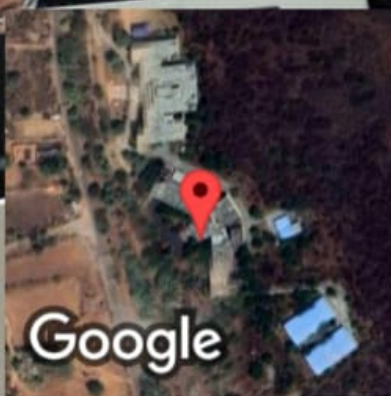
Jagtial, Telangana, India

Academic Block 1, Telangana 505501, India,

Jagtial, Telangana 505501, India

Lat 18.662845° Long 78.908821°

04/06/2025 05:59 PM GMT +05:30





GPS Map Camera

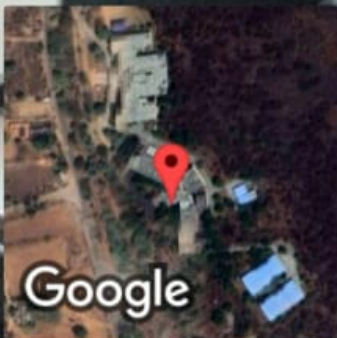
Jagtial, Telangana, India

Academic Block 1, Telangana 505501, India,

Jagtial, Telangana 505501, India

Lat 18.662857° Long 78.908831°

04/06/2025 05:58 PM GMT +05:30

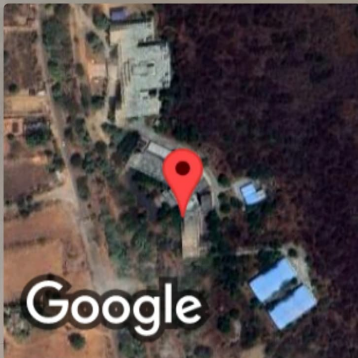


Google

Department of
Computer Science & Engineering



GPS Map Camera



Jagtial, Telangana, India

Academic Block 1, Telangana 505501, India, Jagtial,
Telangana 505501, India

Lat 18.662773° Long 78.908898°

07/06/2025 04:25 PM GMT +05:30

