



Pingle College For Women (A) **Waddepally, Hanumakonda**

Department of Computer Science & Applications

Empowering Education:

- Accessing Top-notch Video Lessons from Renowned Professors

We understand the importance of quality education, especially in the field of computer science, and strive to provide our students with the best resources available. One such initiative is our commitment to delivering video lessons on essential topics from various computer subjects. These video lessons, sourced from reputable platforms such as **NPTEL**, **SWAYAM**, and other online educational hubs, are meticulously chosen to ensure students gain a comprehensive understanding of crucial concepts.

Key Features:

1. **Diverse Curriculum Coverage:** Our department ensures a broad spectrum of computer science subjects is covered, ranging from programming languages and algorithms to advanced topics like artificial intelligence and data science.
2. **Renowned Professors from IITs and NITs:** The video lessons feature esteemed professors from top institutions like IITs and NITs. These experts bring a wealth of knowledge and experience, providing students with insights into the latest advancements and industry best practices.
3. **Clear Conceptual Understanding:** The lessons are designed to break down complex topics into easily digestible segments, fostering a deep and clear understanding of the subject matter. Visual aids, real-life examples, and practical applications are incorporated to make learning more engaging.

4. **Accessible Anytime, Anywhere:** Students can download the video lessons, enabling them to access the content at their convenience. This flexibility accommodates diverse learning styles and allows students to study at their own pace.
5. **Supplementary Learning Resources:** In addition to video lessons, our department provides supplementary materials such as lecture notes, quizzes, and practice exercises to reinforce the learning experience. This multifaceted approach ensures a well-rounded educational journey.
6. **Continuous Updates and Relevance:** The department regularly updates the video lesson library to align with the latest industry trends and technological advancements. This ensures that students receive the most current information, preparing them for the dynamic field of computer science.

S.No	Topic	Link
01	Functional Dependencies and Normal Forms	https://youtu.be/YD8dhOmuVnY?si=hvGhzqxSONBqfpXP
02	Big Data Computing.-Prof. Rajiv Misra	https://youtu.be/r5k-RLIpuA?si=EFSViIvej7jLf0oI
03	NPTEL - Bigdata	https://youtu.be/bOSjCrcIzdo?si=nN1EsKjvV4KqfixM
04	Introduction to Python for Data Science	https://youtu.be/tA42nHmMEKw?si=uecTApbRYwbjMac6
05	Introduction to Spyder - Part 1	https://youtu.be/MuYIV9C1BHq?si=1EZ0bFZKiTawZH22
06	Sequence_data_part_2	https://youtu.be/ApMSoHn1cM4?si=oiqKMCYu7K1uzwLV
07	Pandas Dataframes Part I	https://youtu.be/6DTFIKF8QIq?si=bI5VMMEBzNziy9dN
08	Introduction to java	https://youtu.be/OjdT2l-EZJA?si=fKNAGOU1qqwvkO5f
09	Java Programming Steps	https://youtu.be/VksxhzfD8kQ?si=n0oC4mBVpC18LbPe
10	Data Base Management System - IITKGP	https://youtu.be/IoL9Ve2SRwQ?si=7ThVkPf68LMiHLjZ