



Dharampeth M. P. Deo Memorial Science College, Nagpur

B. Sc. (Computer Science) SEMESTER -I Paper-I (Programming in C)

Unit I

Development Tools: Algorithm, Flowcharts and Pseudo code: -

https://www.youtube.com/watch?v=hiJYrNO2v_4

Modular Programming:

<https://youtu.be/liCyxzJYVnw?si=MFdxTEW0rdAYwf94>

Unit II

C Character Set: -

<https://www.youtube.com/watch?v=AdiIQxFbg1c>

Tokens, Identifier, Keywords, Variables: -

<https://www.youtube.com/watch?v=jpXspGqH4P0>

Control Statements: -

<https://www.youtube.com/watch?v=UXeDS20wr60>

Different Types of Operators in C Language:

<https://youtu.be/r-M3ESr8WLY?si=b3hc6lKfntfy4GG1>

Increment and Decrement Operator:

<https://youtu.be/Lpo1QYsuAmM?si=TVkvmaRhJ6u6Vabq>

Unit III

Arrays in C Programming: -

https://www.youtube.com/watch?v=S93_VErFZD0

<https://www.youtube.com/watch?v=rrhkYfAm6oE>

Strings and Strings functions in C: -

<https://www.youtube.com/watch?v=ZhnCceT1yPk>

<https://www.youtube.com/watch?v=hGrKX0edRFg>

Functions in C: -

<https://www.youtube.com/watch?v=puIK6kHcuqA>

<https://www.youtube.com/watch?v=f338i5o39Eo>

Unit IV

Structure and Union: -

<https://www.youtube.com/watch?v=ZdDEvLgxQDQ>

Pointers in C: -

<https://www.youtube.com/watch?v=cVLw5HeL3JM>

Hierarchy of File Stream Classes, Opening & Closing a File, Testing for errors:

<https://youtu.be/UxifZwjd5xU?si=Xyfkj3-104qgkM1A>

<https://youtu.be/2hGwxTffYKg?si=pz7QPMXmAtmbYXZ3>

<https://youtu.be/ff1stAEVUN8?si=acgnZb-qHXq-fGwV>

Different File Modes:

https://youtu.be/RpI7kSv3S4?si=NzI_AIvwTYBVFfeOT