

# **YENEPOYA INSTITUTE OF TECHNOLOGY**

**DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING**

**4<sup>th</sup> Semester**

<b>Modules</b>	<b>Topics [1hr each]</b>	<b>PPT</b>	<b>Video links</b>	<b>E-materials</b>	<b>Date</b>
<b>Module 1</b>					

**DESIGN AND ANALYSIS O ALGORITHM(18CS42)-Module 1**

Modules	Topics [1hr each]	PPT	Video links	E-materials	Date
Module 1	Lecture 1: Introduction to algorithm	Will be mailed to group mail Id	<a href="https://www.youtube.com/watch?v=0IAPZZGSbME&amp;list=PLDN4rrl48XKpZkf03iYFI-O29szjTrs_O">https://www.youtube.com/watch?v=0IAPZZGSbME&amp;list=PLDN4rrl48XKpZkf03iYFI-O29szjTrs_O</a>	Textbook pdf and Notes will be shared in google classroom	Online Class
	Lecture2: Introduction to algorithm		<a href="https://www.youtube.com/watch?v=nBRyKkq80KY&amp;list=PLYT7YDstBQmHr7eumHSrdo1aTMpqrPDa">https://www.youtube.com/watch?v=nBRyKkq80KY&amp;list=PLYT7YDstBQmHr7eumHSrdo1aTMpqrPDa</a>		Online Class
	Lecture 3: Algorithm design and analysis process		<a href="https://www.youtube.com/watch?v=6BWvV4xVh8U">https://www.youtube.com/watch?v=6BWvV4xVh8U</a>		Online Class
	Lecture 4: Algorithm design and analysis process		<a href="https://www.youtube.com/watch?v=xGYsEge9Vl0&amp;list=PLDN4rrl48XKpZkf03iYFI-O29szjTrs_O&amp;index=4">https://www.youtube.com/watch?v=xGYsEge9Vl0&amp;list=PLDN4rrl48XKpZkf03iYFI-O29szjTrs_O&amp;index=4</a>		Online Class
	Lecture 5: Algorithm Specification		<a href="https://www.youtube.com/watch?v=QCdIcl k8kts">https://www.youtube.com/watch?v=QCdIcl k8kts</a>		

### OPERATING SYSTEMS (18CS43)-Module 1

Modules	Topics [1hr each]	PPT	Video links	E-materials	Date	
Module 1: Introduction to operating systems, System structures	Lecture 1:  What operating systems do, Computer System organization	<a href="https://drive.google.com/file/d/17ptFW1AJxMdC5S5dvyAY6nDqLcpFqwKx/view?usp=sharing">https://drive.google.com/file/d/17ptFW1AJxMdC5S5dvyAY6nDqLcpFqwKx/view?usp=sharing</a>	<a href="https://www.youtube.com/watch?v=gU7vXrfqygw">https://www.youtube.com/watch?v=gU7vXrfqygw</a>	Notes will be shared in google classroom	April 4 <sup>th</sup> week	Online Class
	Lecture2: Computer System architecture , Operating System structure				Online Class	
	Lecture 3:  Process management				Online Class	

## MICROCONTROLLER AND EMBEDDED SYSTEM 18CS44 -Module 1

Modules	Topics [1hr each]	PPT	Video links	E-materials	Date
Module 1	Lecture 1: Microprocessor history	Will be mailed to group mail Id	<a href="http://www.youtube.com/watch?v=3aq6OdMHc">www.youtube.com/watch?v=3aq6OdMHc</a>	Will be shared in Google classroom	Online Class
	Lecture 2: Microprocessor history		<a href="http://www.youtube.com/watch?v=6D8qUxttU">www.youtube.com/watch?v=6D8qUxttU</a>		Online Class
	Lecture 3: Working of microcontroller		<a href="http://www.youtube.com/watch?v=g1dD5fFL0">www.youtube.com/watch?v=g1dD5fFL0</a>		Online Class
	Lecture 4: Difference between microprocessor & Microcontroller		<a href="http://www.youtube.com/watch?v=Nk0urQsQM">www.youtube.com/watch?v=Nk0urQsQM</a>		Online Class

**OBJECT ORIENTED CONCEPTS FOR 4TH SEM (18CS45)**

Module s	Topics [1hr each]	PPT	Video links	E-materials	Date
Module 1	the need for structure	Will be mailed to group mail Id	<a href="http://www.youtube.com/watch?v=AZ-TCSFZCcc">www.youtube.com/ =AZ-TCSFZCcc</a>	<a href="https://classroom.google.com/u/1/c/MzI1MDY1MDk4NTI4/m/MzMwMDQ1MTI2NzA4/details">https://classroom.google.com/ u/1/c/MzI1MDY1MDk4NTI4/ m/MzMwMDQ1MTI2NzA4/ etails</a>	Online class
	Creation of new data using structure		<a href="http://www.youtube.com/watch?v=AZ-TCSFZCcc">www.youtube.com/ =AZ-TCSFZCcc</a>		Online class
	ance, polymorphism		<a href="http://www.youtube.com/watch?v=AZ-TCSFZCcc">www.youtube.com/ =AZ-TCSFZCcc</a>		Online class
	Object oriented programming concepts		<a href="http://www.youtube.com/watch?v=AZ-TCSFZCcc">www.youtube.com/ =AZ-TCSFZCcc</a>		Online class

**Data Communication(18cs46)**

Modu les	Topics [1hr each]	PPT	Video links	E-materials	Date
Module 1	Introduction Data communication,	Will be mailed to group mail ID	<a href="https://www.tutorialspoint.com">https://www.tutorialspoint.com</a>		Online class
	Networks,		<a href="https://www.tutorialspoint.com">https://www.tutorialspoint.com</a>		Online Class
	Network Types		<a href="https://www.tutorialspoint.com">https://www.tutorialspoint.com</a>		Online Class
	Internet History		<a href="https://www.tutorialspoint.com">https://www.tutorialspoint.com</a>		On line Class

