

DR AKHILESH DAS GUPTA INSTITUTE OF TECHNOLOGY AND MANAGEMENT
(FORMERLY NORTHERN INDIA ENGINEERING COLLEGE)

(A UNIT OF BBD GROUP)

ACADEMIC YEAR: 2022-23

COURSE CODE:

SEMESTER: 3 RD

COURSE TITLE: CRST

NAME OF FACULTY: DR ANSHUL

LECTURE 1-UNIT 2

DATE:	ARGUMENT An argument is a list of statements one of which is conclusions and others are the premises or assumptions of the argument.	TEACHING METHODOLOGY: Green board/white board
TOPIC TO BE COVERED: ARGUMENT, STRUCTURE OF ARGUMENT	STRUCTURE OF AN ARGUMENT At minimum, an argument consists of three parts: 1. A claim, 2. Reasons that support the claim, and 3. Evidence that supports the reasons.	CLASS ACTIVITY: DISCUSSION OF DAY TO DAY EXAMPLES
APPLICATION OF THE TOPIC: Day to day life problem solving		EXAMPLES: Students are asked to cite examples
REFERENCE/BOOKS: 1) Critical reasoning by Tom Chatfield 2) CRITICAL REASONING LEWIS VAUGH		EXTRA WORK: DO MORE QUESTIONS FROM ASSIGNMENT

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LECTURE 2- UNIT 2

<p>DATE:</p> <p>TOPIC TO BE COVERED:</p> <p>PREMISE AND CLAIM</p> <p>APPLICATION OF THE TOPIC:</p> <p>Day to day life problem solving</p> <p>REFERENCE/BOOKS:</p> <ul style="list-style-type: none">1) Critical reasoning by Tom ChatField2) CRITICAL REASONING LEWIS VAUGH	<p>PREMISE AND CLAIM: Claim is a demand of ownership made for something (eg claim ownership, claim victory) while premise is a proposition antecedently supposed or proved; something previously stated or assumed as the basis of further argument; a condition; a supposition. A "premise" can be anything, the basic idea for a story, for example. The premise of Star Wars is an intergalactic war between an evil Empire and good guy Rebels</p>	<p>TEACHING METHODOLOGY:</p> <p>Green board/white board</p> <p>CLASS ACTIVITY:</p> <p>DISCUSSION OF DAY TO DAY EXAMPLES</p> <p>EXAMPLES:</p> <p>Students are asked to cite examples</p> <p>EXTRA WORK:</p> <p>DO MORE QUESTIONS FROM ASSIGNMENT</p>
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LECTURE 3- UNIT 2

DATE: TOPIC TO BE COVERED: INDUCTIVE AND DEDUCTIVE ARGUMENTS	INDUCTIVE AND DEDUCTIVE ARGUMENTS: A deductive argument is one in which true premises guarantee a true conclusion. In other words, it is impossible for the premises to be true but the conclusion false. An inductive argument, sometimes considered bottom-up logic, is one in which premises offer strong support for a conclusion, but one that is not a certainty.	TEACHING METHODOLOGY: Green board/white board CLASS ACTIVITY: DISCUSSION OF DAY TO DAY EXAMPLES EXAMPLES: Here is a classic example: 1. <u>Socrates</u> was a man (premise) 2. All men are mortal (premise). Socrates was mortal (conclusion)
APPLICATION OF THE TOPIC: Day to day life problem solving		EXTRA WORK: DO MORE QUESTIONS FROM BOOK/NET

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LECTURE 4- UNIT 2

DATE:	VALID AND INVALID ARGUMENTS Valid: An argument is valid if and only if it is necessary that if all of the premises are true, then the conclusion is true; if all the premises are true, then the conclusion must be true; it is impossible that all the premises are true and the conclusion is false. Invalid: An argument that is not valid	TEACHING METHODOLOGY: Green board/white board CLASS ACTIVITY: DISCUSSION OF DAY TO DAY EXAMPLES EXAMPLES: : "If it is raining, then the streets are wet. The streets are wet"
TOPIC TO BE COVERED: VALID/INVALID ARGUMENTS APPLICATION OF THE TOPIC: Day to day life problem solving ; REFERENCE/BOOKS: 1) Critical reasoning by Tom ChatField 2) CRITICAL REASONING LEWIS VAUGH		EXTRA WORK: DO MORE QUESTIONS FROM BOOK

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LECTURE 5- UNIT 2

DATE: TOPIC TO BE COVERED: SOUND/UNSOUND ARGUMENTS	SOUND AND UNSOUND ARGUMENTS The key difference between sound and unsound argument is that a sound argument is valid and has true premises whereas an unsound argument is invalid and/or has at least one false premises. Soundness is a technical feature of an argument. It helps us to determine whether the conclusion of an argument is true.	TEACHING METHODOLOGY: Green board/white board CLASS ACTIVITY: DISCUSSION OF DAY TO DAY EXAMPLES EXAMPLES: Students are asked to cite examples EXTRA WORK: DO MORE QUESTIONS FROM BOOK/INTERNET
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LECTURE 6- UNIT 2

DATE:		TEACHING METHODOLOGY:
TOPIC TO BE COVERED:		Green board/white board
DESCRIPTION		CLASS ACTIVITY:
APPLICATION OF THE TOPIC:	DESCRIPTION: A spoken or written account of a person, object, or event.	DISCUSSION OF DAY TO DAY EXAMPLES
Day to day life problem solving		EXAMPLES:
REFERENCE/BOOKS:		Students are asked to cite examples
1) Critical reasoning by Tom ChatField 2) CRITICAL REASONING LEWIS VAUGH		EXTRA WORK: DO MORE QUESTIONS FROM BOOK

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LECTURE 7- UNIT 2

DATE:		TEACHING METHODOLOGY:
TOPIC TO BE COVERED:	An illustration is a decoration, interpretation or visual explanation of a text, concept or process, designed for integration in print and digital published media, such as <u>posters</u> , <u>flyers</u> , magazines, books, teaching materials, <u>animations</u> , <u>video games</u> and <u>films</u>	Green board/white board
ILLUSTRATION		CLASS ACTIVITY:
APPLICATION OF THE TOPIC:		DISCUSSION OF DAY TO DAY EXAMPLES
Day to day life problem solving		EXAMPLES:
REFERENCE/BOOKS:		Students are asked to cite examples
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		DO MORE QUESTIONS FROM BOOK

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LECTURE 8- UNIT 2

<p>DATE:</p> <p>TOPIC TO BE COVERED:</p> <p>EXPLAINATION/SUMMSRY/REVISION OF TOPIC</p> <p>APPLICATION OF THE TOPIC:</p> <p>Day to day life problem solving</p> <p>REFERENCE/BOOKS:</p> <ul style="list-style-type: none">1) Critical reasoning by Tom ChatField2) CRITICAL REASONING LEWIS VAUGH	<p>the use of explaination and summary</p> <p>REVISION</p>	<p>TEACHING METHODOLOGY:</p> <p>Green board/white board</p> <p>CLASS ACTIVITY:</p> <p>DISCUSSION OF DAY TO DAY EXAMPLES</p> <p>EXAMPLES:</p> <p>Students are asked to cite examples</p> <p>EXTRA WORK:</p> <p>DO MORE QUESTIONS FROM ASSIGNMENT</p>
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