



**MERI College of Engineering & Technology  
(MERI-CET)**

Session: 2020-2021

Department:

Management Subject

code: BBAN506

Course- BBA

Semester: 5<sup>th</sup>

Faculty Name : Ms. Sonal

**MERI COLLEGE OF ENGINEERING & TECHNOLOGY**

**LESSON PLAN FILE**

ACADEMIC SESSION ----- 2020-21

BRANCH NAME ----- BBA (5<sup>TH</sup> SEM)

SUBJECT ----- CYBER SECURITY

PAPER CODE ----- BBAN506      LECTURE PER WEEK = 03

FACULTY NAME ----- MS. SONAL

SIGNATURE :

HOD REMARK

LESSON PLAN FILE HAS BEEN PREPARED AS PER UNIVERSITY SYLLABUS.

REGISTRAR

DIRECTOR



**MERI College of Engineering & Technology  
(MERI-CET)**

**Session: 2020-2021**

**Department:**

**Management Subject**

**(DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING)**

**Course- BBA**

**Semester: 5<sup>th</sup>**

**Faculty Name : Ms. Sonal**

**LESSON PLAN FILE**

**Name of the Faculty :**

**Semester :**

**Subject :**

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## MERI College of Engineering & Technology (MERI-CET)

**Session: 2020-2021**

**Department:**

**Management Subject**

**CYBER SECURITY**

**PAPER CODE: BBAN-506**

**Course- BBA**

**Semester: 5<sup>th</sup>**

**Faculty Name : Ms. Sonal**

**External Marks: 80**

**Internal Marks: 20**

**Time: 3 hrs.**

### **UNIT-I**

Concept of information society, knowledge society, cyber space, digital economy, critical infrastructure. Critical information infrastructure, internet as global Information infrastructure.

### **UNIT-II**

Cyber terrorism, terrorist atrocities, the role of IT by terrorist, the power of cyber terrorism, characteristic of cyber terrorism , factors contributing to the existence of cyber terrorism, real examples of cyber terrorism, political orientation of terrorism, economic consequences.

### **UNIT-III**

Cybercrime, types of cybercrime: hacking, virus, worm, Trojan horse, mail ware, fraud and theft, cyber homicide, current cyber-attack methods, criminal threats to IT infrastructure, web security, basic cyber forensics , internal penetration, external penetration, your role on cyber-attacks. Cybercrimes and law, cyber jurisdiction, Indian IT ACT.

### **UNIT-IV**

Fundamental concepts of information security, information warfare, levels of information war, cost of information warfare, cyber disaster planning, why disaster planning, companywide disaster planning, business impact analysis.

### **SUGGESTED READINGS:**

1. Walter Laqueur, Yohana Alexander, "the terrorism reader: a historical methodology".
2. "Cyber terrorism and information warfare: threats and responses" by Yohana Alexander & Micheal s. swethan.



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**Focal Point for the Semester**

1. Effort will be made to make the student conversant with the syllabus of the Subject & the importance of the subject on the first day. Books on the subject available in the library & market will be listed.
2. Effort will be made so that Student should remain present in the class mentally not physically. Questions will be asked on the topic taught in the class & presence( attendance) will be given to those students who will reply satisfactorily.
3. Regular test will be conducted.
4. Assignment will be given as per schedule.
5. Practical aspects of the student will be taught.



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### COURSE OBJECTIVE

The Course emphasizes on advancement in the different types of steel structure. The complete details about steel section together with respective types of their use will be explained rigorously. After completion of course student will be able to understand.

### **METHODOLOGY**

The pedagogy will be lectures, presentations, Tutorials, assignments of class work and Practical work in the field.

### **ACHIEVEMENT**

After the completion of course, all student will have detailed knowledge of steel structure, design of different steel members and plate girders.

### **EVALUATION**

Besides the semester end – examination, the students will be continuously assessed during the course on the following basis

- A. Mid Term Examinations 20 Marks
  - B. Attendance 10 Marks
  - C. Assignment & behavior 20 Marks
  - D. End Semester Examination 100 Marks
- Total 150 Marks

**Session: 2020-2021**

**Course- BBA**

**Department:**

**Semester: 5<sup>th</sup>**

**Management Subject**

**Faculty Name : Ms. Sonal**

**Code: BBAN506** Faculty : Ms. Sonal (Theory)

Discipline : BBA

Semester : 5<sup>th</sup>

Subject : Cyber Security (BBAN506)

Lesson Plan Duration : 15 Weeks (from Aug., 2018 to Nov., 2018)

\*\* Work Load (Lecture) per week (in hours): Lectures-04

Week	Theory		Practical		
	Lecture Day	Topic (including assignment/test)	Practical day	Topic	
1 <sup>st</sup>	1 <sup>st</sup>	Concept of information society, , knowledge society, cyber space digital economy, critical infrastructure.		<b>No Practicals</b>	
	2 <sup>nd</sup>				
	3 <sup>rd</sup>				
	4 <sup>th</sup>				
2 <sup>nd</sup>	5 <sup>th</sup>	Critical information infrastructure, internet as global Information infrastructure.		<b>No Practicals</b>	
	6 <sup>th</sup>				
	7 <sup>th</sup>				Revision
	8 <sup>th</sup>				Assignment
3 <sup>rd</sup>	9 <sup>th</sup>	Cyber terrorism, terrorist atrocities,		<b>No Practicals</b>	
	11 <sup>th</sup>				
4 <sup>th</sup>	12 <sup>th</sup>	the role of IT by terrorist, the power of cyber terrorism, characteristic of cyber terrorism ,		<b>No Practicals</b>	
	13 <sup>th</sup>				
	14 <sup>th</sup>				
	15 <sup>th</sup>				
5 <sup>th</sup>	16 <sup>th</sup>	factors contributing to the existence of cyber terrorism,,		<b>No Practicals</b>	
	17 <sup>th</sup>				
	18 <sup>th</sup>				Assignment
	19 <sup>th</sup>				real examples of cyber terrorism, political orientation of terrorism
6 <sup>th</sup>	20 <sup>th</sup>	economic consequences.		<b>No Practicals</b>	
	21 <sup>st</sup>				
	22 <sup>nd</sup>				
	23 <sup>rd</sup>				Revision
7 <sup>th</sup>	24 <sup>th</sup>	types of cybercrime: hacking, virus, worm, Trojan horse,		<b>No Practicals</b>	
	25 <sup>th</sup>				
	26 <sup>th</sup>				
	27 <sup>th</sup>				

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8 <sup>th</sup>	28 <sup>th</sup>	mall ware, fraud and theft, cyber homicide, current cyber-attack methods, criminal threats to IT infrastructure,		<b>No Practicals</b>
	29 <sup>th</sup>			
	30 <sup>th</sup>			
	31 <sup>st</sup>			
9 <sup>th</sup>	32 <sup>nd</sup>	web security, basic cyber forensics ,		<b>No Practicals</b>
	33 <sup>rd</sup>			
	34 <sup>th</sup>	Revision		
	35 <sup>th</sup>	Assignment		
10 <sup>th</sup>	36 <sup>th</sup>	internal penetration, external penetration, your role on cyber-attacks. Cybercrimes and law,		<b>No Practicals</b>
	37 <sup>th</sup>			
	38 <sup>th</sup>			
	39 <sup>th</sup>			
11 <sup>th</sup>	40 <sup>th</sup>	cyber jurisdiction, Indian IT ACT. Fundamental concepts of information security,		<b>No Practicals</b>
	41 <sup>st</sup>			
	42 <sup>nd</sup>			
	43 <sup>rd</sup>			
12 <sup>th</sup>	44 <sup>th</sup>	information warfare, levels of information war, cost of information warfare,cyber disaster planning,		<b>No Practicals</b>
	1 <sup>st</sup>			
	2 <sup>nd</sup>			
	3 <sup>rd</sup>			
13 <sup>th</sup>	4 <sup>th</sup>	why disaster planning, companywide disaster planning, business impact analysis		<b>No Practicals</b>
	5 <sup>th</sup>			
	6 <sup>th</sup>			
	7 <sup>th</sup>			
14 <sup>th</sup>	8 <sup>th</sup>	Revision of syllabus		
	9 <sup>th</sup>			
	11 <sup>th</sup>			
	12 <sup>th</sup>			
15 <sup>th</sup>	13 <sup>th</sup>	Revision of syllabus		
	57 <sup>th</sup>	Pre-University Exams		