LESSION PLANS FOR A.Y: 2021-22 SEM – II

LESSON PLAN for INTODUCTION TO PROGRAMMING 2021-22 I/II Civil-B Mr. M. Sci. Bohn

| | | Mr. M Sai Babu | | |
|------------------------------|--|---|-------------------------|-------|
| Contact Hour (Cumulative) | ative) No. I Introduction to components of Computer | | Teaching Methodology | Remar |
| 1 | I | Introduction to components of Computer system | Chalk & Talk | |
| 2 | I | Algorithm | Chalk & Talk | |
| 3 | I | Flow chart | Chalk & Talk | |
| 4 | I | Program development steps | Chalk & Talk | |
| 5 | I | C Tokens | Chalk & Talk | |
| 6 | I | Data Types | Chalk & Talk | |
| 7 | I | Operator precedence and associativitiy | Chalk & Talk | |
| 8 | I | Structure of C program | Chalk & Talk | |
| 9 | I | simple programs using Basic I/O statements | Chalk & Talk | |
| 10 | I | SAMPLE PROGRAMS | Chalk & Talk | |
| 11 | I | SAMPLE PROGRAMS | Chalk & Talk | |
| 12 | I | SAMPLE PROGRAMS | Chalk & Talk | |
| 13 | П | Decision statements: if | Chalk & Talk | 1 |
| 14 | П | if-else, nested if | Chalk & Talk | |
| 15 | П | if-else-if ladder, and switch | Chalk & Talk | |
| 16 | П | while loop, | Chalk & Talk | |
| 16 17 | П | do-while loop, | Chalk & Talk | 1 |
| 18 | II | for loop, nested loops | Chalk & Talk | |
| 19 | II | Branching statements- Break, continue | Chalk & Talk | |
| 20 | III | Arrays: Definition Types: Single Dimensional arrays, Multi Dimensional arrays | Chalk & Talk | |
| 21 | III | declaration, initialization, accessing elements | Chalk & Talk | |
| 22 | III | Matrix operations | Chalk & Talk | |
| 23 | III | String Handling funtions | Chalk & Talk | |
| 24 | III | SAMPLE PROGRAMS | Chalk & Talk | |

| | | | Chalk & Talk | 100 |
|------|-----|--|--------------|-----|
| 25 | III | SAMPLE PROGRAMS | | |
| 26 | III | SAMPLE PROGRAMS | Chalk & Talk | |
| 27 | III | SAMPLE PROGRAMS | Chalk & Talk | |
| | | | Chalk & Talk | 200 |
| 28 | IV | Functions: Definition, Declaration, Types of Functions | Chalk & Talk | 100 |
| 29 | IV | Call by value and call by reference, | | |
| 30 | IV | Passing Arrays to functions | Chalk & Talk | |
| 31 | IV | Recursion, Scope and lifetime of variables | Chalk & Talk | |
| 32 | IV | Command line arguments, | Chalk & Talk | |
| 33 . | IV | Storage classes | Chalk & Talk | |
| 34 | IV | Pointers: Definition, Declaration, Initialization, | Chalk & Talk | |
| 35 | IV | Pointer arithmetic, functions and pointers | Chalk & Talk | |
| 36 | IV | Pointer to pointer | Chalk & Talk | |
| 37 | IV | Uses of Pointers, arrays and pointers | Chalk & Talk | |
| 38 | IV | SAMPLE PROGRAMS | Chalk & Talk | |
| 39 | IV | SAMPLE PROGRAMS | Chalk & Talk | |
| 40 | V | Structures: Definition | Chalk & Talk | |
| 41 | V | Declaration, Accessing the structure elements | Chalk & Talk | |
| 42 | V | Array of structures | Chalk & Talk | |
| 43 | V | Arrays with in structures, | Chalk & Talk | - |
| 44 | V | pointer to structure, Self referential structure | Chalk & Talk | |
| 45 | V | passing structure to function | Chalk & Talk | |
| 46 | V | nested structures and unions | Chalk & Talk | |
| 47 | V | Dynamic memory allocation | Chalk & Talk | 450 |
| 48 | V | SAMPLE PROGRAMS | Chalk & Talk | |
| 49 | V | SAMPLE PROGRAMS | Chalk & Talk | |
| | | Trans of files | Chalk & Talk | |
| 50 | VI | File Handling: Introduction, Types of mes | | |

| 51 | VI | Defining and Opening a File | Chalk & Talk |
|----|----|--|--------------|
| 52 | VI | Closing a File, Input/Output operations on Files | Chalk & Talk |
| 53 | VI | Error Handling during I/O operations | Chalk & Talk |
| 54 | VI | Random Access to Files | Chalk & Talk |
| 55 | VI | SAMPLE PROGRAMS | Chalk & Talk |

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Head of the Depart
Department of Civil English, TEKKA

LESSON PLAN

ACADAMIC YEAR: 2021-22
YEAR & SEM: II/II,
SECTION: A
FACULTY NAME: Sri. G. GOWRI SANKARAREAO
SUBJECT: STRUCTURAL ANALYSIS-II

| Contact Hour (Cumulative) | Unit No. | Topic | Teaching Methodology | Remarks | | | | |
|------------------------------|-------------|--|------------------------------------|--------------------------|--|--|--|--|
| 1 | I | Introduction to static and kinematic indeterminacy. Analysis pin jointed frame trusses | Chalk & Talk | | | | | |
| 3 | I | Explanation of types of methods. Assumptions and solving forces in simple trusses | Chalk & Talk | | | | | |
| 4 | I | Solving the forces in members of the truss by method of joints | Chalk & Talk | | | | | |
| 5 | I | Find the forces by method of joints | Chalk & Talk | | | | | |
| 6 | I | Find the forces in members of truss by method of joints | Chalk & Talk | | | | | |
| 8 | I | Solving the problems by method of joints and method of sections | Chalk & Talk | | | | | |
| 9 | I | Solving the forced in cantilever truss | Chalk & Talk | | | | | |
| 11 | I | Solving the forced in member of cantilever truss by both methods | Chalk & Talk | Unit-1 will be completed | | | | |
| 12 | II | Explanation of propped cantilever beam | Chalk & Talk | | | | | |
| 14 | II | Find the prop. Reaction .Draw shear force and bending moment diagrams | Chalk & Talk | | | | | |
| 15 | II | Solving the problems of propped cantilever beams | Chalk & Talk | | | | | |
| 16 | II | Solving problems | Chalk & Talk | | | | | |
| 17 | II | Explanation of fixed end beams | Chalk & Talk | | | | | |
| 18 | II | Solving the fixed end moment of the fixed beams | Chalk & Talk | | | | | |
| 20 | II | Solving the problems and draw the S.F.& B.M.D. | Chalk & Talk | | | | | |
| 21 | II | Solving Problems | Chalk & Talk | | | | | |
| 22 | II | Solving the fixed end moments and draw the SF & BMD | Chalk & Talk | | | | | |
| 23 | II | Solving the problems of the fixed end beams | Chalk & Talk | | | | | |
| 25 | II | Solving the problems | Chalk & Talk Unit-2 will completed | | | | | |
| 26 | III | Explanation of strain energy due to axial load | Chalk & Talk | | | | | |
| 27 | III | Solving the problems on axial load | Chalk & Talk | | | | | |
| 28 | III | Solving the problems | Chalk & Talk | | | | | |
| 29 | III | Strain Energy due to shear force | Chalk & Talk | | | | | |
| 31 | III | Solving the problems upon the shear force | Chalk & Talk | | | | | |
| 32 | III | Strain energy due to bending | Chalk & Talk | | | | | |

| 33 | 101 | Find the strain energy due to bending | - | |
|----------|------|--|---------------------------|----------------|
| 35 | III | | Challe & Talle | |
| 36 | 101 | The state of the s | | |
| 37 | | | Chalk & Talk | |
| | 101 | —————————————————————————————————————— | Chalk & Talk | Unit-3 will i |
| 38 | IV | - pomentum of three himsed arriver | Chalk & Talk | completed |
| 40 | IV | and elastic theory of arch. | | |
| | 14 | Edgy 5 theorem | Chalk & Talk | |
| | | Determination of horizontal thrust, | | |
| | | bending moment, normal thrust and radial shear | | |
| 41 | IV | Find the problems of three hinged | C | |
| | | arches with point load and udi load | Chalk & Talk | |
| 42 | IV | Explanation of two hinged arches | 0 = 0 = 0 | |
| | | .Determination of horizontal thrust, BM | Chalk & Talk | |
| 43 | IV | Find the problems of two hinged | Chalk & Talk | - |
| | | arches | Cusik & Laik | Unit-4 will b |
| 45 | V | Analysis of continuous beams. | Chalk & Talk | Countries |
| | | Explain the theorem of three | Chaik & Talk | |
| | | moments | | |
| 46 | V | Analysis of continuous beams with | CL -11 0 22 11 | - |
| | | constant El one or both fixed ends | Chalk & Talk | |
| 47 | V | Solving the problems | Challe 9. T.II. | |
| 48 | V | Solving the problems of continuous | Chalk & Talk Chalk & Talk | |
| | | beams | Chaik & Talk | |
| 50 | V | Solving the problems on continuous | Chalk & Talk | Unit-5 will be |
| | | beams | Cliaix ox Talk | completed |
| 51 | VI | Explanation of moving loads. | Chalk & Talk | |
| 52 | VI | Find the maximum shear force and | Chalk & Talk | |
| | 1000 | bending moment at a given section | CHAIR & TAIR | |
| | | and absolute max. shear force and | | |
| | | bending moment | | |
| 53 | VI | Find the problems due to single | Chalk & Talk | |
| | | concentrated load | Chair & Tair | |
| 55 | VI | Find the problems due to UDL Load | Chalk & Talk | |
| | | shorter thanthe span and longer than | Chair & Tair | |
| | | the span | | |
| | VI | Find the problems | Chalk & Talk | |
| 56 | | Definition of influence lines | Chalk & Talk | |
| 56 57 | VI | Demindion of mindence miles | | |
| | VI | Influence lines for SF & BM | | |
| 57 | + | Influence lines for SF & BM | Chalk & Talk | |
| 57 59 | VI | Influence lines for SF & BM Solving the problems for load position | | |
| 57 59 | VI | Influence lines for SF & BM | Chalk & Talk | |

HOD Jay Civil Engineering

LESSON PLAN

Course Name: Python Programming

Branch:CEClass / Semester:II/II Academic Year:2021-22

| Period | Unit No. | Topic | Teaching Methodology | Remarks |
|--------|----------|--|-------------------------|------------|
| | I | Introduction to Python | | |
| 1 | | Control Structures | | |
| 2 | | History | PPT | |
| 3 | | Features, Installing | PPT | |
| 4 | | Operators | PPT | |
| 5 | | Operators | PPT | |
| 6 | | Statements and Expressions | PPT | |
| 7 | | Conditional Statements | PPT | |
| 8 | | Conditional Statements | PPT | |
| 0 | | Loops | PPT | |
| | II | Data Types | 111 | |
| 9 | | Mutable vs immutable data type | PPT | |
| 10 | | Introduction to Numbers, Integers, Floating Point Real Numbers | PPT | |
| 12 | | Complex Numbers, Operators | PPT | |
| 13 | | Built-in Functions | PPT | |
| | | Related Modules | PPT | |
| 14 | | Sequences - Strings | PPT | |
| 15 | | Lists | PPT | |
| 16 | | Tuples | PPT | |
| 17 | | Dictionaries | PPT | |
| 18 | | Set Types | PPT | |
| | III | Functions & File Handling | 111 | |
| 19 | | Definitions, Declaration | PPT | |
| 20 | | Parameter passing | PPT | Water Park |
| 21 | | calling functions | PPT | |
| 22 | | creating a file, opening a file | PPT | |
| 23 | | I/O with file (read, write, append), | PPT | |
| 24 | | closing a file | PPT | |
| 2.5 | | Programs | PPT | |
| 26 | | Programs | PPT | |
| | IV | Modules | 111 | |
| 7 | | Modules and Files | PPT | |
| 8 | | Namespaces | | |
| 9 | | Importing Modules | PPT | |
| 0 | I | mporting Module Attributes | PPT | |
| 1 | | Module Built-in Functions | PPT | |
| 2 | | | PPT | |
| | | Packages | PPT | |
| 3 | | Other Features of Modules | PPT | |
| | | Other Features of Modules | PPT | |



| | V | Classes | | |
|----|----|--|---------|---------|
| 35 | | Principles of Object | | |
| | | Ullentation | PPT | |
| 36 | | Creating Classes, Instance Methods and Special Methods | PPT | |
| 37 | | Class Variables and | | |
| 38 | | Inheritance | PPT | |
| 39 | | Data base connectivity | PPT | |
| | | Programs demonstrating on oops | PPT | |
| 40 | | Programs demonstrating on oops | PPT | |
| | VI | Regular Expressions | | 1 11/16 |
| 41 | | Introduction to Regular Expressions | PPT | |
| 42 | | Special Symbols | DDT | |
| 43 | | Characters | PPT | |
| 44 | | Res and Python | PPT PPT | 1242 |
| 45 | | Res and Python | PPT | - |
| 46 | | Programs | PPT | |
| 47 | | Programs | PPT | 1 |
| 48 | | Programs | PPT | |

BB: CLASS ROOM

PPT: POWER POINT PRESENTATION

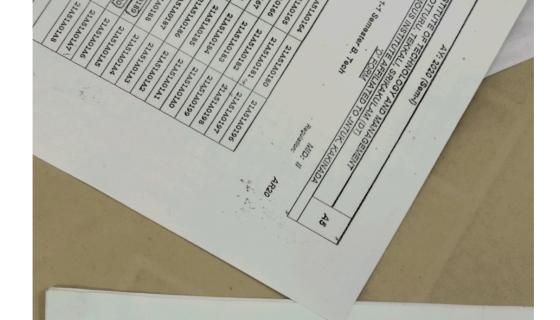
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TEXT BOOKS

- 1. Wesley J. C hun "Core Python Applications Programming", 3rd Edition, 2012, Prentice Hall. 2. Brian jones, David Beazley —Python Cookbook I, 3rd Edition.

- REFERENCES BOOKS
 1. Mark Lutz "Programming Python, 4th Edition" O'Reilly Media.
 2. Think Python, Allen Downey, Green Tea Press

Web Links
https://docs.python.org/3/tutorial/index.html
https://pythonprogramminglanguage.com



LESSON PLAN

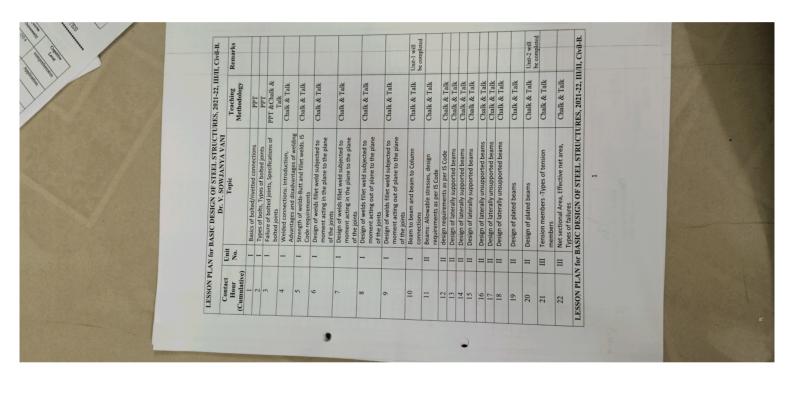
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ACADAMIC YEAR: 2021-22
YEAR & SEM: II/II,
SECTION: A
FACULTY NAME: Sri. G. GOWRI SANKARAREAO
SUBJECT: STRUCTURAL ANALYSIS(Code:20CET206)

| Contact Hou (Cumulative) | ulative) No. I Introduction to sta indeterminacy. An frame trusses I Explanation of typ Assumptions and simple trusses I Solving the forces truss by method of joints by method of joints. I Solving the problem joints and method of I Solving the forced in Cantilever truss by be II Explanation of proper II Find the proper Reactiful force and bending method of Joints and method of I Solving the forced in Cantilever truss by be II Explanation of proper II Find the prop. Reactiful force and bending method of Joints and Join | TODIC | Teaching Methodology | Remarks | | | | | |
|-----------------------------|--|---|-------------------------|-----------------------------|--|--|--|--|--|
| 1 | indeterminacy. Analysis pin jointed frame trusses | | | | | | | | |
| 3 | I | Explanation of types of methods. Assumptions and solving forces in simple trusses | Chalk & Talk | | | | | | |
| 4 | I | Solving the forces in members of the truss by method of joints | Chalk & Talk | | | | | | |
| 5 | I | Find the forces by method of joints | Chalk & Talk | | | | | | |
| 6 | | Find the forces in members of truss by method of joints | Chalk & Talk | | | | | | |
| 8 | | Solving the problems by method of joints and method of sections | Chalk & Talk | | | | | | |
| 9 | | Solving the forced in cantilever truss | Chalk & Talk | | | | | | |
| 11 | | Solving the forced in member of cantilever truss by both methods | Chalk & Talk | Unit-1 will be completed | | | | | |
| 12 | - | Explanation of propped cantilever beam | Chalk & Talk | 1 | | | | | |
| 14 | II | Find the prop. Reaction .Draw shear force and bending moment diagrams | Chalk & Talk | 1 36 1 | | | | | |
| 15 | II | Solving the problems of propped | Chalk & Talk | | | | | | |
| 16 | II | Solving problems | Chalk & Talk | | | | | | |
| 17 | II | Explanation of fixed end beams | Chalk & Talk | | | | | | |
| 18 | II | Solving the fixed end moment of the | Chalk & Talk | | | | | | |
| 20 | II | Solving the problems and draw the S.F.& B.M.D. | Chalk & Talk | | | | | | |
| 21 | II | Solving Problems | Chalk & Talk | | | | | | |
| 22 | II | Solving the fixed end moments and draw the SF & BMD | Chalk & Talk | F 254 | | | | | |
| 23 | | Solving the problems of the fixed end beams | Chalk & Talk | 6 383 | | | | | |
| 25 | | | Chalk & Talk | Unit-2 will be completed | | | | | |
| 26 | | | Chalk & Talk | | | | | | |
| 27 | III : | Solving the problems on axial load | Chalk & Talk | | | | | | |
| 28 | III ! | Solving the problems | Chalk & Talk | | | | | | |
| 29 | | Strain Energy due to shear force | Chalk & Talk | | | | | | |
| 31 | III S | Solving the problems upon the shear | Chalk & Talk | | | | | | |

| | | force | | |
|----|-----|--|--------------|-----------------------------|
| 32 | III | Strain energy due to bending | Chalk & Talk | |
| 33 | III | Find the strain energy due to bending | Chalk & Talk | |
| 35 | III | Solving the problems | | |
| 36 | III | Explanation of Castiglioni theorem-1 | Chalk & Talk | |
| 37 | III | Explanation the Castiglioni theorem-2 | Chalk & Talk | Unit-3 will be completed |
| 38 | IV | Explanation of three hinged arches and elastic theory of arch. | Chalk & Talk | |
| 40 | IV | Explanation of Eddy's theorem. Determination of horizontal thrust, bending moment, normal thrust and radial shear | Chalk & Talk | |
| 41 | IV | Find the problems of three hinged arches with point load and udl load | Chalk & Talk | |
| 42 | IV | Explanation of two hinged arches .Determination of horizontal thrust, BM | Chalk & Talk | |
| 43 | IV | Find the problems of two hinged arches | Chalk & Talk | Unit-4 will be completed |
| 45 | V | Analysis of continuous beams. Explain the theorem of three moments | Chalk & Talk | |
| 46 | V | Analysis of continuous beams with constant EI one or both fixed ends | Chalk & Talk | |
| 47 | V | Solving the problems | Chalk & Talk | |
| 48 | V | Solving the problems of continuous beams | Chalk & Talk | |
| 50 | V | Solving the problems on continuous beams | Chalk & Talk | Unit-5 will b |
| 51 | VI | Explanation of moving loads. | Chalk & Talk | |
| 52 | VI | Find the maximum shear force and bending moment at a given section and absolute max. shear force and bending moment | Chalk & Talk | |
| 53 | VI | Find the problems due to single concentrated load | Chalk & Talk | |
| 55 | VI | Find the problems due to UDL Load shorter thanthe span and longer than the span | Chalk & Talk | |
| 56 | VI | Find the problems | Chalk & Talk | |
| 57 | VI | Definition of influence lines | Chalk & Talk | |
| 59 | VI | Influence lines for SF & BM | Chalk & Talk | Unit-6 wil |

HOD CIVIL DEPARTMENT



| Contact | Unit | Dr. V. SOWJANYA VANI | | |
|----------------------|------|--|-------------------------|---------------------|
| Hour (Cumulative) | No. | Topic | Teaching Methodology | Remarks |
| 23 | III | Design strength of tension members | Challe 9 T II | |
| 24 | III | Design strength of tension members | Chalk & Talk | |
| 25 | | | Chalk & Talk | 1st Mid |
| 23 | III | Effective length of columns. Slenderness | Chalk & Talk | Exams |
| 26 | TTT | Tallo | Chair & Tair | |
| 27 | III | Design of compression members | Chalk & Talk | |
| 28 | III | Design of compression members | Chalk & Talk | |
| 20 | III | Design of Built up compression members | Chalk & Talk | |
| 29 | TTT | - Design of lacings and hattens | Chair & Tair | |
| 2) | III | Design of Built up compression members | Chalk & Talk | |
| 30 | III | - Design of lacings and battens | - Chance Talk | |
| 30 | Ш | Design Principles of Eccentrically loaded | Chalk & Talk | Unit-3 will |
| 31 | IV | columns, splicing of columns | | be completed |
| 32 | | Gantry girder: Introduction, Loads | Chalk & Talk | |
| 33 | IV | Design of Gantry girders | Chalk & Talk | |
| 34 | IV | Design of Gantry girders | Chalk & Talk | |
| 35 | IV | Design of Gantry girders | Chalk & Talk | |
| 36 | IV | Design of Gantry girders | Chalk & Talk | |
| 37 | IV | Roof elements | Chalk & Talk | |
| 38 | IV | Design of Purlin's | Chalk & Talk | |
| 39 | IV | Design of Purlin's | Chalk & Talk | |
| | IV | Design of Purlin's | Chalk & Talk | |
| 40 | IV | Design of Purlin's | Chalk & Talk | Unit-4 will |
| 41 | V | Plata Cindan I I I I | Chair & Tark | be completed |
| | | Plate Girder: Introduction, Elements of plate girder | Chalk & Talk | |
| 42 | V | Plate Girder: Design consideration – I S | Chalk & Talk | |
| | | Code recommendations | Chair & Tair | |
| 43 | V | Design of plate girder-Welded | Chalk & Talk | |
| 44 | V | Design of plate girder-Welded | Chalk & Talk | |
| 45 | | Design of plate girder-Welded | Chalk & Talk | |
| 46 | | Design of stiffeners | Chalk & Talk | |
| 47 | ~ ~ | Design of stiffeners | | |
| 48 | | Design of stiffeners | Chalk & Talk | |
| 49 | | Design of stiffeners | Chalk & Talk | |
| 50 | | Design of stiffeners | Chalk & Talk | |
| | | Sesign of stifferiers | Chalk & Talk | Unit-5 will |
| 51 | (| Grand Test | | be completed |
| | | | | 2 nd Mid |
| | | | | Exams |







11.455.402.40 57 10.14.4 40.14.4 40.14.4 40.14.4

| Contact Hou | r Uni | or ADVANCED DESIGN OF REINFO III/II, Civil-A. Sri. S. Raml t Topic | al CONCRE | E, 2021-22, |
|--|-------|--|---------------|---------------|
| (Cumulative | No. | Teaching Methodology | Remarks | |
| 2 | I | Retaining walls introduction | | |
| 3 | I | Design of cantilever retaining well | Chalk & Talk | |
| 4 | I | Design of cantilever retaining well | Chalk & Talk | |
| 5 | I | Design of cantilever retaining | Chalk & Talk | |
| 6 | I | Design of counterfort retaining | Chalk & Talk | |
| 7 | I | Design of counterfort retaining well | Chalk & Talk | |
| 8 | I | Design of counterfort retaining wall | Chalk & Talk | |
| 9 | I | Design of counterfort retaining well | Chalk & Talk | |
| 10 | I | Design of combined footing | Chalk & Talk | |
| 10 | I | Design of combined footing | Chalk & Talk | |
| 11 | II | | Chalk & Talk | Unit-1 will b |
| | 11 | Design of RCC water tanks on ground- introduction | Chalk & Talk | completed |
| 12 | II | | - Taik | |
| | 11 | Design of RCC water tanks on ground- circular | Chalk & Talk | |
| 13 | II | | - Luni | |
| | ** | Design of RCC water tanks on ground- circular | Chalk & Talk | - |
| 14 | II | | | |
| | ** | Design of RCC water tanks on ground- circular | Chalk & Talk | 1 |
| 15 | II | | | |
| | ** | Design of RCC water tanks on ground- square | Chalk & Talk | |
| 16 | II | Design of RCC water tanks on ground- | | - Indiana |
| | | square | Chalk & Talk | 2 |
| 17 | II | Design of RCC water tanks on ground- | | |
| | | square square | Chalk & Talk | |
| 18 | II | Design of RCC water tanks on ground- | | |
| | | rectangle | Chalk & Talk | 200 |
| 19 | | Design of RCC water tanks on ground- | | |
| | | rectangle | Chalk & Talk | 1 |
| 20 | | Design of RCC water tanks on ground- | | |
| | | rectangle | Chalk & Talk | Unit-2 will b |
| 21 | | Slabs: Yield line theory of slabs | | completed |
| | | | Chalk & Talk | |
| 22 | III | Yield line theory of slabs | Chalk & Talk | |
| 23 | | | Chaik & Talk | 136 |
| 23 | III C | Circular slab design – Simply supported | Chalk & Talk | |
| | C | onditions with Uniformly Distributed | - Idik | 100 |
| 24 | L | oads | | |
| 24 | III C | ircular slab design – Simply supported | Chalk & Talk | |
| March and a second | C | onditions with Uniformly Distributed | Chair & I dik | |
| 27. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10 | Lo | pads | | |

| LESSON PLAN for ADVANCED DESIGN OF REINFORCED CONCRETE, 2021-722, IIII. Civile. Set. 8. Remail Tracting Remarks of Counter Hour. Unit Civile. Set. 8. Remail Tracting Remarks of Counter Hour. Unit Civile. Set. 8. Remail Tracting Remarks of Counter Hour. Unit Civile. Set. 8. Remail Tracting Remarks of Counter Hour. Date of Counter Hour. Set. 8. Remail Tracting Remarks of Counter Set. 8. Remail Counters with Uniformy Distributed Chalk & Talk Emmission of Chalk & Talk Emmission Counters with Uniformy Distributed Chalk & Talk Emmission Counter Set. 8. Remail Reference Set. 8. Rema | E, 2021-22, | Kelliairs | | | | | Unit-3 will be completed 1st Mid | Exams | | | | | | | | | Unit-4 will be | | | | | | | | |
|--|---|------------------------------|---|---------------------------------------|--|---------------------------|--------------------------------------|---|---|------------------------------------|--|--|--|--|---|---|--|--|--|--|---|--|--|--|--|
| LESSON PLAN for ADVANCED DESIGN OF REINFOR IIII, Civil-A. Shr. S. Raunial Community No. 17 Topic Communitative) No. 17 Topic Communitative) No. 18 Topic Communitative) No. 18 Topic Communitative) Distributed Loads Conditions with Uniformly Distributed Loads IIII Civil-Maria sha design—Fixed end Conditions with Uniformly Distributed Loads IIII Civil-Maria sha design—Fixed end Conditions with Uniformly Distributed Conditions with Uniformly Distributed Loads IIII Flat sha besign Conditions with Uniformly Distributed Conditions and Conditions with Uniformly Distributed Conditions and | CED CONCRETI | Teaching Methodology | Chair & Lain | Chalk & Talk | Chalk & Talk | Chalk & Talk | Chalk & Talk | Chalk & Talk | Chalk & Talk | Chalk & Talk | Chalk & Talk | Chalk & Talk | Chalk & Talk | Chalk & Talk | Chalk & Talk | Chalk & Talk | Chalk & Talk | Chalk & Talk | Chalk & Talk | Chalk & Talk | | | | | |
| Contact Hour Unit Cont | ADVANCED DESIGN OF REINFOR HITH, Civil-A. Sri. S. Ramial | Topic | Circular slab design – Simply supported conditions with Uniformly Distributed Loads | Conditions with Uniformly Distributed | Circular slab design – Fixed end Conditions with Uniformly Distributed | Loads Flat slab design | Flat slab design Flat slab design | Piles and pile caps: Design of bored cast-in-situ piles (bearing and friction | (ypes) Design of bored cast-in-situ piles Design and friction types | Design of bored cast-in-situ piles | Design of bored cast-in-situ piles Design and friction tynes) | Design of Pile cap for three piles using | Design of Pile cap for three piles using | Design of Pile cap for three piles using | Design of Pile cap for four piles using | Design of Pile cap for four piles using | Design of Pile cap for four piles using Pending method | Aultistory building system –detailing or Ductility | Aultistory building system –detailing or Ductility | Aultistory building system –detailing or Ductility | п | | | | |
| LESSON PL. Contact Hour (Cumulative) 25 26 26 27 27 27 27 31 31 41 41 42 43 | NN for / | Unit No. | | | | | | | | | | | 1 | | | 198 | 110 20 | 1000 | | | | | | | |
| | LESSON PLA | Contact Hour (Cumulative) | q | 26 | 27 | 28 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | | | | | |

W.LES PREEE

| Contact Hour | LAN fo | or ADVANCED DESIGN OF REINFO III/II, Civil-A. Sri. S. Ramla Topic | RCFD CONGRE | |
|--------------|--------|---|------------------------------|------------------------------|
| (Cumulative) | No | Topic Topic | CONCRET | E, 2021-22, |
| 44 45 | V | Design for earther | Teaching Methodology | Remarks |
| 46 | V | Design for earthquake Design for earthquake | Chalk & Talk Chalk & Talk | |
| 47 | V | Design for earthquake | Chalk & Talk | |
| 49 | V | Design of wind forces Design of wind forces | Chalk & Talk Chalk & Talk | |
| 50 | V | Design of wind forces | Chalk & Talk Chalk & Talk | Unit-5 will be |
| 51 | VI | Different types of loadings on bridges according to IRC | Chalk & Talk | completed |
| 52 | VI | Design of RCC Culvert-deck slab for IRC Class AA loading | Chalk & Talk | |
| 53 | VI | Design of RCC Culvert-deck slab for IRC Class AA loading | Chalk & Talk | |
| 54 | VI | Design of RCC Culvert-deck slab for IRC Class AA loading | Chalk & Talk | |
| 55 | VI | Design of RCC Culvert-deck slab for IRC Class A loading | Chalk & Talk | 12 |
| 56 | VI | Design of RCC Culvert-deck slab for IRC Class A loading | Chalk & Talk | |
| 57 | VI | Design of RCC Culvert-deck slab for IRC Class A loading | Chalk & Talk | Unit-6 will b |
| 58 | | Grand Test | | 2 nd Mid Exams |

Lab Name: TRANSPORTATION ENGINEERTIN Lab

Branch:Civil

Year:2021-2022

Sec-A

Semester: III-II

Course Code: 20CEL206

Faculty Name: Sri G Anil Kumar

| S.No | Lab Lesson Schedule | No. of Hours |
|------|--|--------------|
| 1 | Aggregate Crushing value | 3 |
| 2 | Aggregate Impact Test. | 3 |
| 3 | Specific Gravity and Water Absorption. | |
| 4 | Attrition Test | 3 |
| 5 | Abrasion Test. | 3 |
| 6 | Shape tests | 3 |
| 7 | Viscosity Test. | 3 |
| 8 | Ductility Test. | 3 |
| 9 | | 3 |
| | Softening Point Test. | 3 |
| 10 | Flash and fire point tests. | 3 |
| 11 | Penetration test | 3 |
| 12 | Stripping test | 3 |
| | Total Contact Hour | 36 |

| | | for TRANSPORTATION ENGINEER Sri G Anil Kumar | ,, **** | CIVII-A. |
|-------------|-------|--|--|----------------|
| (Cumulative | e) No | Торіс | Teaching Methodology | Remarks |
| 1 | 1 | Highway development and planning: Invention of wheel | BB & Interactive | |
| 2 | 1 | Different modes of transportation | DD 6 ppm | |
| | 1 | role of highway transportation in India | BB & PPT BB & PPT | |
| 4 | I | Necessity for Highway Planning | | |
| 5 | I | Different Road Development Plans | BB & PPT | |
| - 6 | I | Classification of Roads | BB & PPT | |
| 7 | I | Road Network Patterns. | BB & PPT | |
| 8 | I | Highway Alignment introduction | BB & PPT | |
| 9 | I | Alignment - Factors controlling | BB & PPT | |
| 10 | | Alignment | BB & PPT | |
| 11 | I | Alignment - Factors controlling Alignment | BB & PPT | |
| 12 | 1 | Engineering Surveys for Highways | BB & PPT | |
| 12 | I | Drawings and Reports. | BB & PPT | Unit-1 will be |
| 13 | II | Geometric design: Importance of Geometric Design, | BB & PPT | completed |
| 14 | II | Highway Cross Section Elements | DD 0 PP | |
| 15 | II | Pavement Surface Characteristics, | BB & PPT | |
| 16 | II | Sight Distance - Stopping Sight | BB & PPT | |
| | | Distance | BB & PPT | |
| 17 | II | Overtaking Sight Distance and Intermediate Sight Distance. | BB & PPT | |
| 18 | II | Design of Horizontal Alignment | BB & PPT | |
| 19 | II | Design of Super elevation and Extra widening | BB & PPT | |
| 20 | II | Design of Transition Curves | DD a ppe | |
| 21 | II | Design of Vertical Alignment | BB & PPT | i i |
| 22 | II | Grade Compensation. | BB & PPT BB & PPT | Unit-2 will b |
| 23 | III | Highway materials: Soil | Name of the last o | completed |
| 24 | | Aggregate | BB & PPT | |
| 25 | | | BB & PPT | |
| 26 | | Bitumen and Tar | BB & PPT | |
| | F | Tests on aggregates –Aggregate Properties and their Importance | BB & PPT | |
| 27 | III | Tar properties - Differentiation between ar and Bitumen | BB & PPT | |

1

| Contact Hour (Cumulative) | Unit No. | Topic | Teaching | Remarks |
|------------------------------|-------------|--|-------------|--------------------------|
| 28 | | Dit | Methodology | - Committee |
| | III | Bitumen - different forms of bitumen - tests on bitumen | BB & PPT | |
| 29 | III | Bituminous Concrete | BB & PPT | |
| 30 | III | requirements of Design Mix - | BB & PPT | |
| 31 | III | Marshalls Method of Bituminous Mix design | BB & PPT | |
| | Ш | Modified Hubbard Field method of mix design. | BB & PPT | Unit-3 will be completed |
| 32 | IV | Highway Construction: Construction of Roads -Earthen roads | BB & PPT | completed |
| 33 | IV | W.B.M. Roads | BB & PPT | |
| 34 | IV | Bituminous Roads - distresses | BB & PPT | |
| 35 | IV | | | |
| 36 | IV | Cement Concrete roads | BB & PPT | |
| 37 | | Tie bars and Dowel bars | BB & PPT | |
| | IV | Rigid pavement distresses | BB & PPT | |
| 38 | IV | Highway Maintenance | BB & PPT | |
| 39 | IV | Arborical culture –Street lighting. | BB & PPT | |
| 40 | IV | Highway drainage | BB & PPT | Unit-4 will be completed |
| 41 | V | Traffic engineering: Elements of Traffic Engineering | BB & PPT | |
| 42 | V | Vehicle & Road User Characteristics | BB & PPT | |
| 43 | V | Accessibility & Mobility concept | BB & PPT | |
| 44 | V | Traffic Volume studies & methods | BB & PPT | |
| 45 | V | Speed Studies | BB & PPT | |
| 46 | V | Time Mean Speed | BB & PPT | |
| 47 | V | Space Mean Speed | BB & PPT | |
| 48 | V | Travel time and Delay studies | BB & PPT | |
| 49 | V | Origin - Destination studies | BB & PPT | Unit-5 will be completed |
| 50 | VI | Highway capacity: Highway capacity | BB & PPT | - Indiana |
| 51 | VI | level of service (LOS) | BB & PPT | |
| 52 | VI | capacity of urban and rural roads | BB & PPT | |
| 53 | VI | PCU concept and its limitations. | BB & PPT | |
| 54 | VI | Parking: Parking Studies – Problems of parking | BB & PPT | |
| 55 | VI | types of parking facilities – on street & off street | BB & PPT | |
| 56 | VI | Accidents -Causes and Mitigative measures | BB & PPT | Unit-6 will b |

2

| Contact Ho | | forBASIC DESIGN OF STEEL STRUC V.DIVYASRI | TURES, 2021-22.J | II/II Civil D |
|-------------|--------|--|-------------------------|--|
| (Cumulative | ur Un | | | ZZ,CIVII-B, |
| 1 | | 0. | Teaching Methodology | Remarks |
| 2 | I | Basics of bolted/riveted connections | - Todology | |
| 3 | I | | PPT | |
| 3 | I | . diffic of polited joints carrie | PPT | |
| 4 | | | PPT&Chalk & | |
| 4 | I | Welded connections: Introduction, | Talk | |
| 5 | - | - Additional of the state of th | PPT | |
| 3 | I | | | |
| 6 | - | | PPT | |
| 7 | I | Example problems on wolder | | |
| , | I | | | |
| | | morniciti actiffe in the plane to the | Chalk & Talk | |
| 8 | - | | | |
| o | I | Design of welds fillet weld subjected to | GI II | |
| | | mornelli delling in niano to the | Chalk & Talk | |
| 9 | - | 1.10 1011113 | | |
| , | I | Design of welds fillet weld subjected to | CI II - | |
| | | morner acting out of plane to the plane | Chalk & Talk | |
| 10 | 7 | or the joints | | |
| 10 | I | Design of welds fillet weld subjected | Chalk & Talk | |
| | | to moment acting out of plane to the | Chaik & Talk | |
| 11 | * | plane of the joints | | |
| 11 | I | Beam to beam and beam to Column | Chalk & Talk | |
| 12 | ** | connections, revision of unit - | Chaik & Talk | Unit-1 will be |
| 12 | II | Beams: Allowable stresses docing | Chalk & Talk | completed |
| | | requirements as per IS Code | Chark & Talk | |
| 13 | | calculation of Znz | | |
| 13 | II | Beams: Allowable stresses design | Cl. 11 0 = 11 | |
| | | requirements as per IS Code, calculation | Chalk & Talk | |
| 14 | | 01 2 p 2 | | |
| 14 | II | Design of laterally supported beams | Cl. II o m u | to the second of |
| 15 | II | Design of laterally supported beams | Chalk & Talk | |
| 16 | | | Chalk & Talk | |
| | 1 | Design of laterally supported beams | Chalk & Talk | |
| 17 | II r | nigher shear case | | |
| | 11 | Design of laterally supported beams | Chalk & Talk | |
| 18 | II D | nigher shear case | - Tulk | |
| 10 | 11 0 | design of laterally unsupported beams | Chalk & Talk | |
| 19 | II D | esign of laterally | | |
| Marino I | | esign of laterally unsupported beams | Chalk & Talk | |
| 20 | II D | esign of plated beams | | |
| | | esign of plated beams | Chalk & Talk | E STATE OF THE STA |
| | | or prateu beams | Chalk & Talk | |

| Contact Hour | Unit | V.DIVYASRI Topic | Teaching | Remarks |
|--------------|------|---|--------------|----------------|
| (Cumulative) | No. | Торіс | Methodology | - |
| 22 | II | Revision of unit -II | Chalk & Talk | Unit-2 will be |
| 23 | III | Tension members -Types of tension members, Net sectional Area, Effective net area | Chalk & Talk | |
| 24 | III | Tension members -Types of tension members, Net sectional Area, Effective net area | Chalk & Talk | |
| 25 | III | Types of failures, Design strength of tension members | Chalk & Talk | |
| 26 | III | Types of failures, Design strength of tension members | Chalk & Talk | |
| 27 | III | Introduction, Effective length of columns, Slenderness ratio, Design of compression members | Chalk & Talk | |
| 28 | III | Introduction, Effective length of columns, Slenderness ratio, Design of compression members | Chalk & Talk | |
| 29 | III | Design of Built up compression members – Design of lacings and battens | Chalk & Talk | |
| 30 | III | Design of Built up compression members – Design of lacings and battens | Chalk & Talk | |
| 31 | III | Design of Built up compression members – Design of lacings and battens | Chalk & Talk | |
| 32 | III | Design Principles of Eccentrically loaded columns, splicing of columns | Chalk & Talk | |
| 33 | III | Revision of unit -III | Chalk & Talk | Unit-3 will be |
| 34 | IV | Gantry girder: Introduction, Loads | Chalk & Talk | completed |
| 35 | IV | Design of Gantry girder | Chalk & Talk | |
| 36 | IV | Design of Gantry girder | Chalk & Talk | |
| 37 | | Design of Gantry girder | Chalk & Talk | |
| 38 | | Design of Gantry girder | Chalk & Talk | |
| 39 | IV | Design of Gantry girder | Chalk & Talk | |
| | IV I | Roof elements, Design of Purlin's | Chalk & Talk | |
| | | Design of Purlin's | Chalk & Talk | |
| | | Design of Purlin's | Chalk & Talk | |
| | | Design of Purlin's | Chalk & Talk | |
| | | Revision of unit -IV | Chalk & Talk | Unit-4 will b |
| 45 | V P | late Girder: Introduction, Elements of late girder | Chalk & Talk | |

| LESSON PLA V.DIVYASRI Contact H | N for I | BASIC DESIGN OF STEEL STRUCTU | RES. 2021-22 111/1 | I Civil P |
|---------------------------------|---------|--|--------------------|-----------------------------|
| (Cumulative) | Unit | 77 | , 2021 22,111/1 | i, Civil-b. |
| 46 | No. | Topic | Teaching | Remarks |
| .0 | V | Plate Girder: Design consideration – I S | Methodology | |
| 47 | V | | Chalk & Talk | |
| 48 | V | Design of plate girder-Welded | Chalk & Talk | |
| 49 | V | Design of plate girder-Welded | Chalk & Talk | 1000 |
| 50 | V | Design of plate girder-Welded | Chalk & Talk | |
| 51 | V | Design of plate girder-Welded | Chalk & Talk | |
| 52 | V | Design of stiffeners | Chalk & Talk | |
| 53 | V | Design of stiffeners | Chalk & Talk | |
| 54 | V | Design of stiffeners | Chalk & Talk | |
| 55 | V | Design of stiffeners | Chalk & Talk | |
| 56 | V | Revision of unit -V | Chalk & Talk | |
| | • | Revision of unit -V | Chalk & Talk | Unit-5 will be completed |

LESSON PLAN

Subject Name: Computer Aided Engineering Drawing and Practice Lab

AY: 2021-22 Branch: Civil Engineering

Year and Semester: IIIB.TechII Semester Section: A

Course Code: 18CEL308

Faculty Name: Dr.V.Sowjanya Vani

| S.No. | Lab Experiment Schedule | No. of Hours |
|-------|--|--------------|
| 1. | Generation of points, lines, curves, | 3 |
| 2. | polygons, Dimensioning. | 3 |
| 3. | object selection commands – edit, zoom, cross hatching, pattern filling, utility | 3 |
| | commands | 3 |
| 4. | 2D wire frame modelling | |
| 5. | 3D wire frame modelling | 3 |
| 6. | Isometric projections | 3 |
| 7. | Orthographic projections of isometric projections | 3 |
| 8. | Modelling of simple solids | 3 |
| 9. | Plan, Front Elevation and Sectional Elevation of buildings | 3 |
| 10 | Plan, Front Elevation and Sectional Elevation of buildings | 3 |
| 11. | 3Ddrawings of buildings | 3 |
| 12. | 3Ddrawings of buildings | 3 |
| | Total Contact Hours | 36 |

| | | Dr. B. VISWESWARA REDDY | The state of the s | |
|------------------------------|-------------|--|--|-----------------------------|
| Contact Hour (Cumulative) | Unit No. | Topic | Teaching Methodology | Remarks |
| 0 | 1 | General Awareness on PEO, PO & PSO's | Chalk & Talk | |
| 1 | I | Introduction to Groundwater-Hydrological Cycle | Chalk & Talk | |
| 2 | I | Origin & Rock properties effects on groundwater | Chalk & Talk | |
| 3 | I | Vertical distribution of groundwater | Chalk & Talk | |
| 4 | I | Geological formation of an aquifers | Chalk & Talk | |
| 5 | I | Types of aquifers | Chalk & Talk | |
| 6 | I | Porosity, specific yield & retention | Chalk & Talk | |
| 7 | I | Permeability & Darcy's law | Chalk & Talk | |
| 8 | I | Storage Coefficient, Transmissivity and three dimensional derivation | Chalk & Talk | |
| 9 | I | Three dimensional derivation | Chalk & Talk | |
| 10 | I | Ground vater flow contours & their applications | Chalk & Talk | Unit-1 will be completed |
| 11 | I | Steady state flow towards a well- confined aquifers | Chalk & Talk | |
| 12 | I | Steady state flow towards a well- Un confined aquifers | Chalk & Talk | |
| 13 | I | Dupit's& Theims equations & assumptions | Chalk & Talk | 83 |
| 14 | II | Formation Constants | Chalk & Talk | W. S. |
| 15 | II | Yield of an open well interface & well tests | Chalk & Talk | |
| 16 | II | Well Tests | Chalk & Talk | 82 |
| 17 | II | Unsteady state flow towards a well | Chalk & Talk | 79 |
| 18 | II | Theis Solution | Chalk & Talk | 000 |
| 19 | II | Theis Solution | Chalk & Talk | 36 |
| 20 | II | Leaky aquifers | Chalk & Talk | Unit-2 will be |
| 21 | III | Introduction to Methods of Groundwater Exploration | Chalk & Talk | |
| 22 | III | Surface Methods: Electrical Resistivity Method | Chalk & Talk | 52. |
| 23 | III | Seismic Refraction Method | Chalk & Talk | |
| 24 | III | Sub-surface Methods: Geophysical Logging | Chalk & Talk | |
| 25 | III | Resistivity Logging | Chalk & Talk | |
| 26 | III | Resistivity Logging | Chalk & Talk | |
| 27 | III | Applications aerial Photogrammetry | Chalk & Talk | |
| 28 | III | Case Studies in Subsurface investigations | Chalk & Talk Chalk & Talk | Unit-3 will b |

| Contact Hour (Cumulative) | Unit No. | Topic | Teaching Methodology | Remarks |
|------------------------------|-------------|--|---------------------------|-------------------------|
| 29 | IV | Concept of artificial Recharge | Chalk & Talk | |
| 30 | IV | Recharge Methods | Chalk & Talk | |
| 31 | IV | Recharge Methods | Chalk & Talk | |
| 32 | IV | Recharge Methods | Chalk & Talk | |
| 33 | IV | Recharge Methods | Chalk & Talk | |
| 34 | IV | Relative merits | Chalk & Talk | |
| 35 | IV | Remote Sensing and GIS in Artificial Recharge | Chalk & Talk | |
| 36 | IV | Remote Sensing and GIS in Artificial Recharge | Chalk & Talk | |
| 37 | IV | Remote Sensing and GIS in Artificial Recharge | Chalk & Talk | |
| 38 | IV | Case Studies | Chalk & Talk | Unit-4 will be |
| 40 | V | Introduction to saline water intrusion | Chalk & Talk | |
| | V | Occurrence of saline water intrusion | Chalk & Talk | |
| 41 | V | Occurrence of saline water intrusion | Chalk & Talk | |
| 42 | V | Ghyben-Herzberg relation | Chalk & Talk | |
| 43 | V | Ghyben-Herzberg relation | Chalk & Talk | |
| 44 | V | Shape of Interface | Chalk & Talk | |
| 45 | V | Shape of Interface | Chalk & Talk | |
| 46 | V | Controlling of saline water intrusion | Chalk & Talk | |
| 47 | V | Controlling measures of saline water intrusion | Chalk & Talk | |
| 48 | V | Groundwater basin & its management | Chalk & Talk | |
| 49 | V | Groundwater basin & its management | Chalk & Talk | |
| 50 | V | Concepts of Conjunction use of water | Chalk & Talk | |
| 51 | V | Concepts of Conjunction use of water | Chalk & Talk | |
| 52 | V | Case studies | Chalk & Talk | |
| 53 | V | Case studies | Chalk & Talk | |
| 54 | V | Revision | Chalk & Talk | |
| 55 | V | Revision | Chalk & Talk | |
| 56 | V | Revision | Chalk & Talk Chalk & Talk | Unit-5 will I completed |

| LESS | ON PL | AN for DISASTER MANAGEMENT, 20 | 21-22, IV/II, Civ | il-A |
|--------------|-------|--|-------------------------|-----------------------------|
| Contact Hour | Unit | T. B. VISWESWARA REDDY | | |
| (Cumulative) | No. | Topic | Teaching Methodology | Remarks |
| 0 | | General Awareness on PEO, PO & PSO's | Chalk & Talk | |
| 1 | I | Introduction Disaster Management | Chalk & Talk | - |
| 2 | I | Vulnerability, Risk severity & their concepts | Chalk & Talk | |
| 3 | I | Frequency and Details of Disasters | Chalk & Talk | |
| 4 | I | Capacity, Impact & Prevention of Disasters | Chalk & Talk | |
| 5 | I | Mitigation measures & Characteristics of Disasters | Chalk & Talk | |
| 6 | I | Types of Disasters | Ch-11- 0 m 11 | |
| 7 | I | Disaster Management Cycle | Chalk & Talk | |
| 8 | I | Hazard & Vulnerability profile of India | Chalk & Talk | |
| 9 | I | Natural Disasters: Causes & Distribution | Chalk & Talk | Unit-1 will be completed |
| | 1 | pattern of Floods | Chalk & Talk | |
| 10 | I | Consequences & Mitigation Measures of Floods | Chalk & Talk | |
| 11 | I | Causes, Distribution Pattern, Consequences & Mitigation Measures of droughts | Chalk & Talk | |
| 12 | I | Cyclones: Causes, Distribution Pattern, Consequences & Mitigation Measures | Chalk & Talk | |
| 13 | I | Earthquakes & Tsunamies | Chalk & Talk | |
| 14 | II | Manmade Disasters: Landslides, forest fires & Nuclear Disasters | Chalk & Talk | |
| 15 | II | Chemical & Biological Disasters | Chalk & Talk | |
| 16 | II | Transportation Accidents & Urban Flooding | Chalk & Talk | Unit-2 will be |
| 17 | III | Environmental & Physical Impacts of Disasters | Chalk & Talk | |
| 18 | III | Social, Ecological & Economic Impacts | Chalk & Talk | |
| 19 | III | Political, Health& Demographic aspects | Chalk & Talk | |
| 20 | III | Hazard Locations, Global, & National Disaster trends | Chalk & Talk | |
| 21 | III | Disaster Mitigation Strategies | Chalk & Talk | |
| 22 | III | Disaster Mitigation Strategies | Chalk & Talk | |
| 23 | III | Emerging Trends in Disaster mitigation | Chalk & Talk | |
| 24 | III | National Disaster Management Authority Activities | Chalk & Talk | Unit-3 will b |

| Contact Hour | Unit No. | Topic | Methodology | Remarks |
|--------------------|-------------|--|---------------------------|----------------|
| (Cumulative) 25 | IV | Phases of Disaster Management Cycle: Prevention & Mitigation | Chalk & Talk | |
| 26 | IV | Preparedness, relief & Recovery | Chalk & Talk Chalk & Talk | |
| 27 | IV | Structural Measures | | |
| 28 | IV | Non Structural Measures & Risk Analysis | Chalk & Talk | |
| 29 | IV | Vulnerability & Capacity Assessment | Chalk & Talk | |
| 30 | IV | Warning Systems & Post Disaster Environmental Response | Chalk & Talk | |
| 31 | IV | Role & Responsibilities of Govt. & Non. Govt. agencies | Chalk & Talk | |
| 32 | IV | Policies and Legislations for Disaster Risk reduction | Chalk & Talk | Unit-4 will be |
| 33 | IV | Policies and Legislations for Disaster Risk reduction | Chalk & Talk | completed |
| 34 | V | Damage Assessment and Rehabilitation | Chalk & Talk | |
| | V | Rehabilitation & Reconstruction | Chalk & Talk | |
| 35 36 | V | Development of Physical & Economical Infrastructure | Chalk & Talk | |
| 37 | V | Role of Various agencies in Recovery | Chalk & Talk | |
| 38 | V | Role in dealing with victims psychology | Chalk & Talk | (|
| 39 | V | and education Role in awareness, monitoring & evaluation of Rehabilitation work | Chalk & Talk | |
| 10 | V | Constraints in Monitoring and Evaluation | Chalk & Talk | |
| 40 | V | Long-term Counter Disaster Planning | Chalk & Talk | completed |