

DADI INSTITUTE OF ENGINEERING & TECHNOLOGY



(Approved by A.I.C.T.E., New Delhi & Affiliated to JNTUK, Kakinada)

NAAC Accredited Institute and Inclusion under Section 2(f) of UGC Act

An ISO 9001:2008; ISO 14001:2004 & OHSAS 18001:2007 Certified Institution

NH-16, Anakapalle - 531002, Visakhapatnam, A.P.

Mobile: +91 9963981111, Website: www.diet.edu.in, E-mail:

DEPARTMENT OF CIVIL ENGINEERING

Backlog Classes information

PROGRAM : B.Tech

CLASS : IV B.Tech I-Sem., CE

ACADEMIC YEAR : 2019-20

COURSE NAME & CODE: WRE-I

COURSE INSTRUCTOR : S Mahesh

Date of BACKLOG Class : 11-7-19

Based on the Semester Marks Analysis, a Backlog Class has been scheduled for the students who have got less than 40% Marks in Semester Examination

Topics Covered: Answers of the questions given in Previous JNTU Kakinada were discussed.

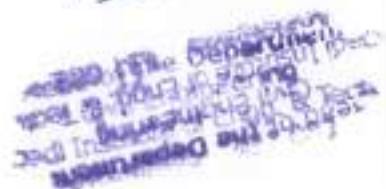
- 1) What do you understand by precipitation? Explain various types and forms of precipitation.

List of students for the Backlog Class.

S.No	Student Roll Number	Name of the Student	Student Status
1	16U41A0109	BHARNIPOTHALA ARUN KUMAR	Attended
2	16U41A0113	VIYYAPU BHASKAR RAO	Attended
3	16U41A0116	PENTAKOTA GEETHANJALI	Attended
4	17U45A0101	ALLA BABA AJAY	Attended
5	17U45A0115	JAGARAPU YASWANTH	Attended
6	17U45A0133	MEDISETTI BHANU PRASAD	Attended


Course Instructor


HOD


Department of Civil Engineering
DADI Institute of Engineering & Technology
NH-16, Anakapalle - 531002, Visakhapatnam, A.P.



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Backlog Classes information

PROGRAM : B.Tech

CLASS : IV B.Tech I-Sem., CE

ACADEMIC YEAR : 2019-20

COURSE NAME & CODE : WRE-I

COURSE INSTRUCTOR : S Mahesh

Date of BACKLOG Class : 18-7-19

Topics Covered: Answers of the questions given in Previous JNTU Kakinada were discussed.

- 1) The infiltration capacity in a basin is represented by Horton's equation as $f=3+e^{-2t}$, where f is in cm/hr, time is in hours. Assuming the infiltration to take place at capacity rates in a storm of 60 min duration. Estimate the depth of infiltration for:
- (i) The first 30 min., (ii) Second 30 min.

List of students for the Backlog Class.

S.No	Student Roll Number	Name of the Student	Student Status
1	16U41A0109	BHARNIPOTHALA ARUN KUMAR	Attended
2	16U41A0113	VIYYAPU BHASKAR RAO	Attended
3	16U41A0116	PENTAKOTA GEETHANJALI	Attended
4	17U45A0101	ALLA BABA AJAY	Attended
5	17U45A0115	JAGARAPU YASWANTH	Attended
6	17U45A0133	MEDISETTI BHANU PRASAD	Attended


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Backlog Classes information

PROGRAM : B.Tech
CLASS : IV B.Tech I-Sem., CE
ACADEMIC YEAR : 2019-20
COURSE NAME & CODE : WRE-I
COURSE INSTRUCTOR : S Mahesh
Date of BACKLOG Class : 25-7-19

Topics Covered: Answers of the questions given in Previous JNTU Kakinada were discussed.

- 1) Explain with the help of a diagram the hydrologic cycle with components.
- 2) Explain construction and limitations of Unit Hydrograph analysis..

List of students for the Backlog Class.

S.No	Student Roll Number	Name of the Student	Student Status
1	16U41A0109	BHARNIPOTHALA ARUN KUMAR	Attended
2	16U41A0113	VIYYAPU BHASKAR RAO	Attended
3	16U41A0116	PENTAKOTA GEETHANJALI	Attended
4	17U45A0101	ALLA BABA AJAY	Attended
5	17U45A0115	JAGARAPU YASWANTH	Attended
6	17U45A0133	MEDISETTI BHANU PRASAD	Attended

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PROGRAM : B.Tech

CLASS : IV B.Tech I-Sem., CE

ACADEMIC YEAR : 2019-20

COURSE NAME & CODE : WRE-I

COURSE INSTRUCTOR : S Mahesh

Date of BACKLOG Class : 01-8-19

Topics Covered: Answers of the questions given in Previous JNTU Kakinada were discussed.

- 1) What do you understand by unit hydrograph? How is it derived?
- 2) Explain its use in construction of flood hydrograph resulting from two or more periods of rainfall.

List of students for the Backlog Class.

S.No	Student Roll Number	Name of the Student	Student Status
1	16U41A0109	BHARNIPOTHALA ARUN KUMAR	Attended
2	16U41A0113	VIYYAPU BHASKAR RAO	Attended
3	16U41A0116	PENTAKOTA GEETHANJALI	Attended
4	17U45A0101	ALLA BABA AJAY	Attended
5	17U45A0115	JAGARAPU YASWANTH	Attended
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PROGRAM : B.Tech

CLASS : IV B.Tech I-Sem., CE

ACADEMIC YEAR : 2019-20

COURSE NAME & CODE : WRE-I

COURSE INSTRUCTOR : S Mahesh

Date of BACKLOG Class : 16-8-19

Topics Covered: Answers of the questions given in Previous JNTU Kakinada were discussed.

- 1) Explain about runoff modelling
- 2) Discuss about IUH.

List of students for the Backlog Class.

S.No	Student Roll Number	Name of the Student	Student Status
1	16U41A0109	BHARNIPOTHALA ARUN KUMAR	Attended
2	16U41A0113	VIYYAPU BHASKAR RAO	Attended
3	16U41A0116	PENTAKOTA GEETHANJALI	Attended
4	17U45A0101	ALLA BABA AJAY	Attended
5	17U45A0115	JAGARAPU YASWANTH	Attended
6	17U45A0133	MEDISETTI BHANU PRASAD	Attended


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PROGRAM : B.Tech

CLASS : IV B.Tech I-Sem., CE

ACADEMIC YEAR : 2019-20

COURSE NAME & CODE : WRE-I

COURSE INSTRUCTOR : S Mahesh

The following students get benefited by the backlog classes

S.No	Student Roll Number	Name of the Student
1	16U41A0116	PENTAKOTA GEETHANJALI

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Backlog Classes information

PROGRAM : B.Tech

CLASS: IV B.Tech I-Sem., CE

ACADEMIC YEAR :2019-20

COURSE NAME & CODE:DDSS

COURSE INSTRUCTOR :Mr.G.Narahari

Date of BACKLOG Class : 15-7-19

Based on the Semester Marks Analysis, a Backlog Class has been scheduled for the students who have got less than 40% Marks in Semester Examination

Topics Covered: Answers of the questions given in Previous JNTU Kakinada were discussed.

- 1) A tie member consists of two ISMC 250. The channels are connected on either side of a 12mm thick gusset plate. Design the welded joint to develop the full strength of the tie. However the overlap is to be limited to 400mm.
- 2) What are the advantages and disadvantages of steel structures?

List of students for the Backlog Class.

S.No	Student Roll Number	Student Status
1	16U41A0106	Attented
2	16U41A0107	Not Attented
3	16U41A0112	Attented
4	16U41A0113	Attented
5	16U41A0114	Attented
6	17U45A0101	Attented
7	17U45A0106	Attented
8	17U45A0109	Attented
9	17U45A0114	Attented
10	17U45A0142	Attented
11	17U45A0146	Attented
12	17U45A0149	Attented
13	17U45A0151	Attented

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Backlog Classes information

PROGRAM : B.Tech
CLASS : IV B.Tech I-Sem., CE
ACADEMIC YEAR : 2019-20
COURSE NAME & CODE : DDSS
COURSE INSTRUCTOR : Mr.G.Narahari
Date of BACKLOG Class : 22-7-19

Topics Covered: Answers of the questions given in Previous JNTU Kakinada were discussed.

- 1) Describe the Difference between laterally supported and unsupported beam?
- 2) 2) An ISMB 500 section is used as a beam over a span of 6m, with simply supported ends. Determine the maximum factored uniformly distributed load that the beam can carry if the ends are restrained against torsion but compression flange is laterally unsupported.

List of students for the Backlog Class.

S.No	Student Roll Number	Student Status
1	16U41A0106	Attented
2	16U41A0107	Attented
3	16U41A0112	Attented
4	16U41A0113	Not Attented
5	16U41A0114	Attented
6	17U45A0101	Attented
7	17U45A0106	Attented
8	17U45A0109	Attented
9	17U45A0114	Not Attented
10	17U45A0142	Attented
11	17U45A0146	Attented
12	17U45A0149	Attented
13	17U45A0151	Attented


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Backlog Classes information

PROGRAM : B.Tech
CLASS : IV B.Tech I-Sem., CE
ACADEMIC YEAR : 2019-20
COURSE NAME & CODE : DDSS
COURSE INSTRUCTOR : Mr.G.Narahari
Date of BACKLOG Class : 29-7-20

Topics Covered: Answers of the questions given in Previous JNTU Kakinada were discussed.

- 1) Determine the design angle tension member ISA 75 X 50 X 8 connected on each side of a 10mm thick gusset plate, to carry axial factored load 375KN. Use M20 black bolts. Assume shop connection.
- 2) Determine the design tensile strength of a roof truss member 2 ISA 90 x 60 x 6mm connected to the gusset plate of 8mm thickness by 4 mm weld. The effective length of the weld is 200mm.

List of students for the Backlog Class.

S.No	Student Roll Number	Student Status
1	16U41A0106	Attented
2	16U41A0107	Attented
3	16U41A0112	Attented
4	16U41A0113	Attented
5	16U41A0114	Attented
6	17U45A0101	Attented
7	17U45A0106	Attented
8	17U45A0109	Attented
9	17U45A0114	Attented
10	17U45A0142	Attented
11	17U45A0146	Attented
12	17U45A0149	Attented
13	17U45A0151	Attented

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Backlog Classes information

PROGRAM : B.Tech
CLASS : IV B.Tech I-Sem., CE
ACADEMIC YEAR : 2019-20
COURSE NAME & CODE : DDSS
COURSE INSTRUCTOR : Mr.G.Narahari
Date of BACKLOG Class : 5-7-19

Topics Covered: Answers of the questions given in Previous JNTU Kakinada were discussed.

- 1) Explain the design procedure for lacing and battening lateral system.
- 2) A column section ISHB 300 @ 577 N/m is carrying a factored load of 600KN, a factored moment of 30KN-m and factored shear-force of 60KN .Design a suitable column splice. Assume ends are milled.

List of students for the Backlog Class.

S.No	Student Roll Number	Student Status
1	16U41A0106	Attented
2	16U41A0107	Attented
3	16U41A0112	Attented
4	16U41A0113	Attented
5	16U41A0114	Attented
6	17U45A0101	Attented
7	17U45A0106	Attented
8	17U45A0109	Attented
9	17U45A0114	Attented
10	17U45A0142	Attented
11	17U45A0146	Attented
12	17U45A0149	Attented
13	17U45A0151	Attented

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Backlog Classes information

PROGRAM : B.Tech
CLASS : IV B.Tech I-Sem., CE
ACADEMIC YEAR : 2019-20
COURSE NAME & CODE : DDSS
COURSE INSTRUCTOR : Mr.G.Narahari
Date of BACKLOG Class : 12-8-19

Topics Covered: Answers of the questions given in Previous JNTU Kakinada were discussed.

- 1) Design a slab base for a column ISHB 300@ 577 N/m carrying an axial factored load of 1000kN, M20 concrete is used for the foundation. Provide welded connection between column and base plate.
- 2) Design a gusseted base to carry an axial factored load of 3000KN. The column is ISHB 450@ 855 N/m with two 250 x 22 mm cover plates on either side. The effective height of the column is 5m. The column is to rest on M20 Concrete pedestal.

List of students for the Backlog Class.

S.No	Student Roll Number	Student Status
1	16U41A0106	Attended
2	16U41A0107	Attended
3	16U41A0112	Attended
4	16U41A0113	Attended
5	16U41A0114	Attended
6	17U45A0101	Attended
7	17U45A0106	Attended
8	17U45A0109	Attended
9	17U45A0114	Attended
10	17U45A0142	Attended
11	17U45A0146	Attended
12	17U45A0149	Attended
13	17U45A0151	Attended


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PROGRAM : B.Tech
CLASS : IV B.Tech I-Sem., CE
ACADEMIC YEAR : 2019-20
COURSE NAME & CODE : DDSS
COURSE INSTRUCTOR : Mr.G.Narahari

The following students get benefited by the backlog classes:

S.No	Student Roll Number
1.	16U41A0106
2.	16U41A0107
3.	16U41A0112
4.	17U45A0106
5.	17U45A0142
6.	17U45A0149


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Backlog Classes information

PROGRAM : B.Tech
CLASS : III B.Tech I-Sem., CE
ACADEMIC YEAR : 2019-20
COURSE NAME & CODE : HHM
COURSE INSTRUCTOR : D.Ramacharylu
Date of Backlog Class : 10-7-19

Based on the Mid Marks Analysis, a Backlog Class has been scheduled on for the students who have got less than 40% Marks in Semester Examination.

Topics Covered: Solutions of the Problems given in Previous JNTU Kakinada were discussed.

1. Explain about different types of forces acting in moving fluid.
2. The pressure difference Δp in a pipe of diameter D and length due to turbulent flow depends on the velocity V , viscosity μ , density ρ and roughness k . Using Buckingham's π -theorem, obtain Expression for Δp .

List of students for the Backlog Class.

S.No	Student Roll Number	Student Status
1	17U41A0103	Attended
2	17U41A0106	Not Attended
3	17U41A0108	Attended
4	17U41A0109	Not Attended
5	18U45A0109	Attended
6	18U45A0112	Attended
7	18U45A0116	Attended
8	18U45A0120	Attended
9	18U45A0146	Attended
10	18U45A0148	Attended
11	18U45A0149	Attended
12	18U45A0150	Attended

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Backlog Classes information

PROGRAM : B.Tech
CLASS : III B.Tech I-Sem., CE
ACADEMIC YEAR : 2019-20
COURSE NAME & CODE : HHM
COURSE INSTRUCTOR : D.Ramacharylu
Date of Backlog Class : 17-07-19

Based on the Mid Marks Analysis, a Backlog Class has been scheduled on for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered: Solutions of the Problems given in Previous JNTU Kakinada were discussed.

1. Define the term unit power, unit speed and unit discharge with reference to a hydraulic turbine. And also derive the expression for these terms.
2. A turbine develops 9000 kW when running at a speed of 140 rpm and under a head of 30 m. Determine the specific speed of the turbine.

List of students for the Backlog Class.

S.No	Student Roll Number	Student Status
1	17U41A0103	Attented
2	17U41A0106	Attented
3	17U41A0108	Attented
4	17U41A0109	Attented
5	18U45A0109	Attented
6	18U45A0112	Attented
7	18U45A0116	Attented
8	18U45A0120	Attented
9	18U45A0146	Attented
10	18U45A0148	Attented
11	18U45A0149	Attented
12	18U45A0150	Not Attented


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DEPARTMENT OF CIVIL ENGINEERING

Backlog Classes information

PROGRAM : B.Tech
CLASS : III B.Tech I-Sem., CE
ACADEMIC YEAR : 2019-20
COURSE NAME & CODE : HHM
COURSE INSTRUCTOR : D.Ramacharylu
Date of Backlog Class : 31-7-19

Based on the Mid Marks Analysis, a Backlog Class has been scheduled on for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered: Solutions of the Problems given in Previous JNTU Kakinada were discussed.

1. The depth of flow of water, at a certain section of a rectangular channel of 4m wide is 0.5 m. This discharge through the channel is 16 m³/sec. If a hydraulic jump takes place on the downstream side, find the depth of flow after the jump.
2. A 1:50 spillway model has a discharge of 1.25m³/s. What is the corresponding prototype discharge? If a flood phenomenon takes 12 hours to occur in the prototype, how long should it take in the model?

List of students for the Backlog Class.

S.No	Student Roll Number	Student Status
1	17U41A0103	Attented
2	17U41A0106	Attented
3	17U41A0108	Attented
4	17U41A0109	Not Attented
5	18U45A0109	Attented
6	18U45A0112	Attented
7	18U45A0116	Attented
8	18U45A0120	Attented
9	18U45A0146	Attented
10	18U45A0148	Attented
11	18U45A0149	Not Attented
12	18U45A0150	Attented

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DEPARTMENT OF CIVIL ENGINEERING

Backlog Classes information

PROGRAM : B.Tech
CLASS : III B.Tech I-Sem., CE
ACADEMIC YEAR : 2019-20
COURSE NAME & CODE : HHM
COURSE INSTRUCTOR : D.Ramacharylu
Date of Backlog Class : 24-7-19

Based on the Mid Marks Analysis, a Backlog Class has been scheduled on for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered: Solutions of the Problems given in Previous JNTU Kakinada were discussed.

1. Define cavitation. What are the effects of cavitation? Give the necessary precaution against the cavitation.
2. The diameter of an impeller of a centrifugal pump at inlet and outlet are 300 mm and 600 mm respectively. The velocity of flow at outlet is 2.5 m/sec and vanes are set back at an angle of 45 degrees at outlet. Determine the minimum starting speed of the pump if the manometer efficiency is 75%.

List of students for the Backlog Class.

S.No	Student Roll Number	Student Status
1	17U41A0103	Attented
2	17U41A0106	Attented
3	17U41A0108	Attented
4	17U41A0109	Not Attented
5	18U45A0109	Not Attented
6	18U45A0112	Attented
7	18U45A0116	Attented
8	18U45A0120	Attented
9	18U45A0146	Attented
10	18U45A0148	Attented
11	18U45A0149	Attented
12	18U45A0150	Attented

Course Instructor


HOD
Head of the Department
Civil Engineering
Dadi Institute of Engg. & Tech.
Anakapalle 531 002



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DEPARTMENT OF CIVIL ENGINEERING

Backlog Classes information

PROGRAM : B.Tech
CLASS : III B.Tech I-Sem., CE
ACADEMIC YEAR : 2019-20
COURSE NAME & CODE : HHM
COURSE INSTRUCTOR : D.Ramacharylu
Date of Backlog Class : 7-8-19

Based on the Mid Marks Analysis, a Backlog Class has been scheduled on for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered: Solutions of the Problems given in Previous JNTU Kakinada were discussed.

1. What are the various applications of Hydroelectric power plant.
2. A centrifugal pump rotating at 1000 rpm delivers 160 liters/s of water against a head of 30 m. The pump is installed at a place where atmospheric pressure is 1×10^5 Pa(abs.) and vapour pressure of water is 2 kPa (abs.). The head loss in suction pipe is equivalent to 0.2 m of water. Calculate minimum NPSH.

List of students for the Backlog Class.

S.No	Student Roll Number	Student Status
1	17U41A0103	Attented
2	17U41A0106	Attented
3	17U41A0108	Attented
4	17U41A0109	Attented
5	18U45A0109	notAttented
6	18U45A0112	Attented
7	18U45A0116	Attented
8	18U45A0120	Attented
9	18U45A0146	Attented
10	18U45A0148	Attented
11	18U45A0149	Attented
12	18U45A0150	Attented

Course Instructor

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DEPARTMENT OF CIVIL ENGINEERING

Backlog Classes information

PROGRAM : B.Tech
CLASS : III B.Tech I-Sem., CE
ACADEMIC YEAR : 2019-20
COURSE NAME & CODE : HHM
COURSE INSTRUCTOR : D.Ramacharylu
Date of Backlog Class : 14-8-19


Based on the Mid Marks Analysis, a Backlog Class has been scheduled on for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered: Solutions of the Problems given in Previous JNTU Kakinada were discussed.

1. Derive expression for kinetic energy correction factor.
2. Velocity distribution in an open rectangular channel is given by $V=3y/2$. If the width of the channel is 10 m and the depth of flow is 1m, find the average velocity of the cross section, energy correction factor and momentum correction factor. List of students for the Backlog Class.

S.No	Student Roll Number	Student Status
1	17U41A0103	Attented
2	17U41A0106	Attented
3	17U41A0108	Attented
4	17U41A0109	Not Attented
5	18U45A0109	Attented
6	18U45A0112	Attented
7	18U45A0116	Attented
8	18U45A0120	Not Attented
9	18U45A0146	Attented
10	18U45A0148	Attented
11	18U45A0149	Attented
12	18U45A0150	Attented

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DEPARTMENT OF CIVIL ENGINEERING

Backlog Classes information

PROGRAM : B.Tech
CLASS : III B.Tech I-Sem., CE
ACADEMIC YEAR : 2019-20
COURSE NAME & CODE : HHM
COURSE INSTRUCTOR : D.Ramacharylu

The following students get benefited by the backlog classes:

S.No	Student Roll Number
1.	17U41A0108
2.	18U45A0109
3.	18U45A0112
4.	18U45A0116
5.	18U45A0120
6.	18U45A0146
7.	18U45A0149
8.	18U45A0150


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DEPARTMENT OF CIVIL ENGINEERING

Backlog Classes information

PROGRAM : B.Tech
CLASS : III B.Tech I-Sem., CE
ACADEMIC YEAR : 2019-2020
COURSE NAME & CODE : SOM II
COURSE INSTRUCTOR : Ch.Rohini Kumar
Date of Backlog Class : 16-7-19

Topics Covered: Solutions of the Problems given in Previous JNTU Kakinada were discussed.

1. Derive the expression for a member is subjected to direct stress in mutually perpendicular direction
2. Define mohr's circle and explain any example problem

List of students for the Backlog Class.

S.No	Student Roll Number	Student Status
1	17U41A0103	Attended
2	17U41A0105	Attended
3	17U41A0106	Not Attended
4	17U41A0109	Attended
5	18U45A0113	Not Attended
6	18U45A0116	Attended
7	18U45A0139	Not Attended
8	18U45A0147	Attended
9	18U45A0151	Attended


Course Instructor


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DEPARTMENT OF CIVIL ENGINEERING

Backlog Classes information

PROGRAM : B.Tech
CLASS : III B.Tech I-Sem., CE
ACADEMIC YEAR : 2019-2020
COURSE NAME & CODE : SOM II
COURSE INSTRUCTOR : Ch.Rohini Kumar
Date of Backlog Class : 23-7-19

Topics Covered: Solutions of the Problems given in Previous JNTU Kakinada were discussed.

1. Derivation of shear stress produced in a circular shaft subjected to torsion
2. Expression for the torque in terms of polar moment of inertia

List of students for the Backlog Class.

S.No	Student Roll Number	Student Status
1	17U41A0103	Attended
2	17U41A0105	Attended
3	17U41A0106	Not Attended
4	17U41A0109	Attended
5	18U45A0113	Not Attended
6	18U45A0116	Attended
7	18U45A0139	Not Attended
8	18U45A0147	Attended
9	18U45A0151	Attended

Course Instructor

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DEPARTMENT OF CIVIL ENGINEERING

Backlog Classes information

PROGRAM : B.Tech
CLASS : III B.Tech I-Sem., CE
ACADEMIC YEAR : 2019-2020
COURSE NAME & CODE : SOM II
COURSE INSTRUCTOR : Ch.Rohini Kumar
Date of Backlog Class : 30-7-19


Topics Covered: Solutions of the Problems given in Previous JNTU Kakinada were discussed.

1. Expression for the crippling load when one end is fixed and other end is free
2. Explain about Rankine's formulae

List of students for the Backlog Class.

S.No	Student Roll Number	Student Status
1	17U41A0103	Attended
2	17U41A0105	Attended
3	17U41A0106	Not Attended
4	17U41A0109	Attended
5	18U45A0113	Attended
6	18U45A0116	Attended
7	18U45A0139	Not Attended
8	18U45A0147	Attended
9	18U45A0151	Attended


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DEPARTMENT OF CIVIL ENGINEERING

Backlog Classes information

PROGRAM : B.Tech
CLASS : III B.Tech I-Sem., CE
ACADEMIC YEAR : 2019-2020
COURSE NAME & CODE : SOM II
COURSE INSTRUCTOR : Ch.Rohini Kumar
Date of Backlog Class : 6-8-19

Topics Covered: Solutions of the Problems given in Previous JNTU Kakinada were discussed.

1. Derive the resultant stress when a column of rectangular section which is subjected to an eccentric load
2. Explain about trapezoidal dam when water face is vertical

List of students for the Backlog Class.

S.No	Student Roll Number	Student Status
1	17U41A0103	Attended
2	17U41A0105	Attended
3	17U41A0106	Attended
4	17U41A0109	Attended
5	18U45A0113	Attended
6	18U45A0116	Attended
7	18U45A0139	Attended
8	18U45A0147	Attended
9	18U45A0151	Attended

Ch
Course Instructor


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DEPARTMENT OF CIVIL ENGINEERING

Backlog Classes information

PROGRAM : B.Tech
CLASS : III B.Tech I-Sem., CE
ACADEMIC YEAR :2019-2020
COURSE NAME & CODE :SOM II
COURSE INSTRUCTOR : Ch.Rohini Kumar
Date of Backlog Class : 13-8-19

Topics Covered:Solutions of the Problems given in Previous JNTU Kakinada were discussed.

1. Explain about thick cylinders
2. Explain about lame' formulae

List of students for the Backlog Class.

S.No	Student Roll Number	Student Status
1	17U41A0103	Attended
2	17U41A0105	Attended
3	17U41A0106	Attended
4	17U41A0109	Attended
5	18U45A0113	Attended
6	18U45A0116	Attended
7	18U45A0139	Attended
8	18U45A0147	Attended
9	18U45A0151	Attended

Ch
Course Instructor

N. G. Rao
HOD
Head of the Department
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DEPARTMENT OF CIVIL ENGINEERING

Backlog Classes information

PROGRAM : B.Tech
CLASS : III B.Tech I-Sem., CE
ACADEMIC YEAR : 2019-2020
COURSE NAME & CODE : SOM II
COURSE INSTRUCTOR : Ch.Rohini Kumar
Date of Backlog Class : 20-8-19

Topics Covered: Solutions of the Problems given in Previous JNTU Kakinada were discussed.

1. A hollow square column of external depth of 1m and external width of 1m is 10 cm thick .calculate the max and min stresses in the section of the column if vertical load 200kN acting with an eccentric 20cm
2. Determine the max and min hoop stresses across the pipe of 400mm and internal dia 100mm thick when the pipe contains a fluid at a pressure 8N/mm^2 also sketch the radial pressure distribution and hoop stress distribution across the section

List of students for the Backlog Class.

S.No	Student Roll Number	Student Status
1	17U41A0103	Attended
2	17U41A0105	Not Attended
3	17U41A0106	Not Attended
4	17U41A0109	Not Attended
5	18U45A0113	Attended
6	18U45A0116	Not Attended
7	18U45A0139	Attended
8	18U45A0147	Attended
9	18U45A0151	Attended


Course Instructor


HOD
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DEPARTMENT OF CIVIL ENGINEERING

Backlog Classes information

PROGRAM : B.Tech
CLASS : III B.Tech I-Sem., CE
ACADEMIC YEAR : 2019-2020
COURSE NAME & CODE : SOM II
COURSE INSTRUCTOR : Ch.Rohini Kumar
Date of Backlog Class : 28-8-19

Topics Covered: Solutions of the Problems given in Previous JNTU Kakinada were discussed.

1. Derive the expression for a member is subjected to direct stress in mutually perpendicular direction
2. Define mohr's circle and explain any example problem

List of students for the Backlog Class.

S.No	Student Roll Number	Student Status
1	17U41A0103	Attended
2	17U41A0105	Not Attended
3	17U41A0106	Not Attended
4	17U41A0109	Not Attended
5	18U45A0113	Attended
6	18U45A0116	Not Attended
7	18U45A0139	Attended
8	18U45A0147	Attended
9	18U45A0151	Attended


Course Instructor


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DEPARTMENT OF CIVIL ENGINEERING

Backlog Classes information

PROGRAM : B.Tech
CLASS : III B.Tech I-Sem., CE
ACADEMIC YEAR : 2019-2020
COURSE NAME & CODE : SOM II
COURSE INSTRUCTOR : Ch.Rohini Kumar

The following students get benefited by the backlog classes:

S.No	Student Roll Number
1	18U45A0139


Course Instructor


HEAD
HEAD OF THE DEPARTMENT
Civil Engineering
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DEPARTMENT OF CIVIL ENGINEERING

Backlog Classes information

PROGRAM : B.Tech
CLASS : III B.Tech I-Sem., CE
ACADEMIC YEAR : 2019-20
COURSE NAME & CODE : SA-I
COURSE INSTRUCTOR : P.Uma
Date of Backlog Class : 15-7-19

Based on the Mid Marks Analysis, a Backlog Class has been scheduled on for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered: Solutions of the Problems given in Previous JNTU Kakinada were discussed.

1. Find the fixed end moments of a fixed beam subjected to a central point load.
2. ABC is a continuous beam with constant EI throughout its length. The end supports A and C are fixed and beam is continuous over middle support B. Span BC is uniformly loaded with 10kN per metre length, while a concentrated vertical load of 100kN acts at the mid span AB. Calculate the moments by slope deflection method.

List of students for the Backlog Class.

S.No	Student Roll Number	Student Status
1	17U41A0102	Attended
2	17U41A0103	Attended
3	17U41A0106	Not Attended
4	17U41A0107	Attended
5	17U41A0109	Attended
6	17U41A0103	Not Attended
7	18U45A0112	Attended
8	18U45A0115	Attended
9	18U45A0116	Attended
10	18U45A0147	Not Attended
11	18U45A0149	Attended
12	18U45A0151	Attended


Course Instructor


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DEPARTMENT OF CIVIL ENGINEERING

Backlog Classes information

PROGRAM : B.Tech
CLASS : III B.Tech I-Sem., CE
ACADEMIC YEAR : 2019-20
COURSE NAME & CODE : SA-I
COURSE INSTRUCTOR : P.Uma
Date of Backlog Class : 22-7-19

Based on the Mid Marks Analysis, a Backlog Class has been scheduled on for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered: Solutions of the Problems given in Previous JNTU Kakinada were discussed.

1. State and prove Castigliano's first theorem.
2. Derive the energy stored due to axial loading.

List of students for the Backlog Class.

S.No	Student RollNumber	Student Status
1	17U41A0102	Attended
2	17U41A0103	Attended
3	17U41A0106	Attended
4	17U41A0107	Attended
5	17U41A0109	Not Attended
6	17U41A0103	Attended
7	18U45A0112	Attended
8	18U45A0115	Attended
9	18U45A0116	Attended
10	18U45A0147	Attended
11	18U45A0149	Attended
12	18U45A0151	Attended


Course Instructor


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DEPARTMENT OF CIVIL ENGINEERING

Backlog Classes information

PROGRAM : B.Tech
CLASS : III B.Tech I-Sem., CE
ACADEMIC YEAR : 2019-20
COURSE NAME & CODE : SA-I
COURSE INSTRUCTOR : P.Uma
Date of Backlog Class : 29-7-19

Based on the Mid Marks Analysis, a Backlog Class has been scheduled on for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered: Solutions of the Problems given in Previous JNTU Kakinada were discussed.

1. A continuous beam ABC is simply supported at A and C and continuous over support B with AB = 4m and BC = 6m. A uniformly distributed load of 10kN/m is acting over the beam. The moment of inertia is I throughout the span. Analyse the continuous beam and draw S.F.D and B.M.D.
2. Find the fixed end moments of a fixed beam subjected to a overall UDL

List of students for the Backlog Class.

S.No	Student RollNumber	Student Status
1	17U41A0102	Attended
2	17U41A0103	Attended
3	17U41A0106	Attended
4	17U41A0107	Attended
5	17U41A0109	Attended
6	17U41A0103	Attended
7	18U45A0112	Attended
8	18U45A0115	Attended
9	18U45A0116	Attended
10	18U45A0147	Attended
11	18U45A0149	Attended
12	18U45A0151	Attended

Course Instructor


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DEPARTMENT OF CIVIL ENGINEERING

Backlog Classes information

PROGRAM : B.Tech
CLASS : III B.Tech I-Sem., CE
ACADEMIC YEAR : 2019-20
COURSE NAME & CODE : SA-I
COURSE INSTRUCTOR : P.Uma
Date of Backlog Class : 5-8-19

Based on the Mid Marks Analysis, a Backlog Class has been scheduled on for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered: Solutions of the Problems given in Previous JNTU Kakinada were discussed.

- 1) A propped cantilever beam of length l is subjected to uniformly distributed load of w/m length over three fourth of its span from the fixed support. Determine the prop reaction plot BMD
- 2) A cantilever of length 5m carries a uniformly distributed load of 1kN/m length over the whole length. The free end of the cantilever is supported on a prop. If $E = 2 \times 10^5 \text{ N/mm}^2$ and $I = 108 \text{ mm}^4$, then (i) find deflection at the centre of cantilever (ii) Magnitude and position of maximum deflection.

List of students for the Backlog Class.

S.No	Student RollNumber	Student Status
1	17U41A0102	Attended
2	17U41A0103	Attended
3	17U41A0106	Attended
4	17U41A0107	Attended
5	17U41A0109	Attended
6	17U41A0103	Attended
7	18U45A0112	Attended
8	18U45A0115	Attended
9	18U45A0116	Attended
10	18U45A0147	Not Attended
11	18U45A0149	Attended
12	18U45A0151	Attended

Course Instructor


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Visakhapatnam



DADI INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E., New Delhi & Affiliated to JNTUK, Kakinada)

NAAC Accredited Institute and Inclusion under Section 2(f) of UGC Act

An ISO 9001:2008; ISO 14001:2004 & OHSAS 18001:2007 Certified Institution

NH-16, Anakapalle - 531002, Visakhapatnam, A.P.

Mobile: +91 9963981111, Website: www.diet.edu.in, E-mail: info@diet.edu.in

DEPARTMENT OF CIVIL ENGINEERING

Backlog Classes information

PROGRAM : B.Tech
CLASS : III B.Tech I-Sem., CE
ACADEMIC YEAR : 2019-20
COURSE NAME & CODE : SA-I
COURSE INSTRUCTOR : P.Uma
Date of Backlog Class : 8-9-19

Based on the Mid Marks Analysis, a Backlog Class has been scheduled on for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered: Solutions of the Problems given in Previous JNTU Kakinada were discussed.

1. A fixed beam AB of length 3m carries a point load of 45kN at a distance of 2m from A. If the flexural rigidity is of the beam is $1 \times 10^4 \text{ kNm}^2$, determine (i) the fixed end moments at A and B. (ii) Deflection under the load and (iii) maximum deflection.

List of students for the Backlog Class.

S.No	Student RollNumber	Student Status
1	17U41A0102	Attended
2	17U41A0103	Attended
3	17U41A0106	Attended
4	17U41A0107	Attended
5	17U41A0109	Attended
6	17U41A0103	Attended
7	18U45A0112	Attended
8	18U45A0115	Attended
9	18U45A0116	Attended
10	18U45A0147	Attended
11	18U45A0149	Attended
12	18U45A0151	Attended

Course Instructor

HOD

Head of the Department
Civil Engineering
Dadi Institute of Engg. & T.
Anakapalle - 531002

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Backlog Classes information

PROGRAM : B.Tech
CLASS : III B.Tech I-Sem., CE
ACADEMIC YEAR : 2019-20
COURSE NAME & CODE : SA-I
COURSE INSTRUCTOR : P.Uma
Date of Backlog Class : 12-9-19

Based on the Mid Marks Analysis, a Backlog Class has been scheduled on for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered: Solutions of the Problems given in Previous JNTU Kakinada were discussed.

1. Draw the influence line diagram for a shear force at any section of a simply supported beam.
2. A uniformly distributed load of 60kN/m and of length 4m transverse across the span of simply supported length of 20m. Compute the maximum bending moment at 5m from left support and absolute bending moment.

List of students for the Backlog Class.

S.No	Student RollNumber	Student Status
1	17U41A0102	Attended
2	17U41A0103	Attended
3	17U41A0106	Attended
4	17U41A0107	Attended
5	17U41A0109	Attended
6	17U41A0103	Not Attended
7	18U45A0112	Attended
8	18U45A0115	Attended
9	18U45A0116	Attended
10	18U45A0147	Not Attended
11	18U45A0149	Attended
12	18U45A0151	Attended

Course Instructor

HOD

Head of the Department
Civil Engineering
Dadi Institute of Engg. & Tech.
Anakapalle 531 002

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Backlog Classes information

PROGRAM : B.Tech
CLASS : III B.Tech I-Sem., CE
ACADEMIC YEAR : 2019-20
COURSE NAME & CODE : SA-I
COURSE INSTRUCTOR : P.Uma
Date of Backlog Class : 19-8-19

Based on the Mid Marks Analysis, a Backlog Class has been scheduled on for the students who have got less than 50% Marks in First Mid Examination.

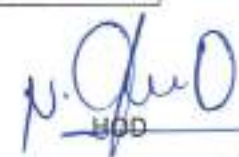
Topics Covered: Solutions of the Problems given in Previous JNTU Kakinada were discussed.

1. Find the fixed end moments of a fixed beam subjected to a eccentric point load.
2. A cantilever of 6m length carries an U.D.L of 12 kN/m over the full span. If the free end is supported by a prop, find the reaction at the prop and also draw the S.F. and B.M. diagrams

List of students for the Backlog Class.

S.No	Student RollNumber	Student Status
1	17U41A0102	Attended
2	17U41A0103	Not Attended
3	17U41A0106	Attended
4	17U41A0107	Attended
5	17U41A0109	Attended
6	17U41A0103	Attended
7	18U45A0112	Attended
8	18U45A0115	Attended
9	18U45A0116	Attended
10	18U45A0147	Attended
11	18U45A0149	Attended
12	18U45A0151	Attended

Course Instructor


HOD
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CLASS : III B.Tech I-Sem., CE
ACADEMIC YEAR : 2019-20
COURSE NAME & CODE : SA-I
COURSE INSTRUCTOR : P.Uma

The following students get benefited by the backlog classes:

S.No	Student Roll Number
1	18U45A0112
2	18U45A0116
3	18U45A0151


Course Instructor


Head of the Department
Civil Engineering
Dadi Institute of Engg. & Tech.
Anakapalle 531 002