



MOTHER THERESA INSTITUTE OF ENGINEERING AND TECHNOLOGY



Melumoi (Post), Palamaner-517408.

(Approved by AICTE, New Delhi and Affiliated to JNTUA, Anantapuramu-515002)

(Email: mtieat@gmail.com Website: www.mtieat.com)

[COLLEGE CODE: HR]

DEPARTMENT OF CIVIL ENGINEERING

Place: Palamaner,

Date: 08.12.2016

To
The Principal,
MTIET,
Palamaner.

Sub: Organizing Value Added Course for IV B.TECH students titled
"PIXAL 2D SOFTWARE" - Req., & Regd.

With the reference to the subject cited above, I bring to your kind notice that to enhance the general skills and enrichment of the curriculum, the department of CIVIL Engineering is organizing a Value Added Course titled, "PIXAL 2D SOFTWARE" for the IV B.Tech students during the inter semester break with **minimum duration of 30 hours**. The Program will be conducted from ~~06.12.2016~~ to ~~12.12.2016~~.

In this connection the undersigned is proposing a request to grant the permission to organize the mentioned course for the fourth year students.

Please consider with prior hierarchy.

Thanking you,


HOD

HEAD OF THE DEPT.
Civil Engineering
Mother Theresa Inst. of Engg. & Tech.
PALAMANER - 517 408.



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DEPARTMENT OF CIVIL ENGINEERING

Ref.: MTIET/CE/VAC/CIR-01


Place: Palamaner,

Date: 08.12.2016.

CIRCULAR

This is here by informed to all the IV B.Tech students that the Department is very glad to organize a Value Added Course to improve the skills on "PIXAL 2D SOFTWARE" during the period of inter semester break that is from 6-12-2016 to 12-12-2016, with minimum duration of 30hours.

So all the interested students should register their names through the Department coordinator.


8/12/2016
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Circulation to:

1. The IV B.Tech Class rooms.
2. The Department Notice board.
3. Department file.



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DEPARTMENT OF CIVIL ENGINEERING

VALUE ADDED COURSE: PIXAL 2D SOFTWARE

PROGRAMME SYLLABUS :: AY 2016-17

Duration: 30 Hours

UNIT I

6 hours

COURSE DESCRIPTION:-

Introduction to Plax is 2D 1mistake that many engineers doing it and take about Introduction to the difference between CSI and Praxis Foundation on CSI and how the designer calculate it - Foundation on Praxis 2D

UNIT II

COURSE OBJECTIVES

6 hours

Introduction to shoring systems we will talk about, Enabling works , Soldier pile, Sheet Pile Secant and contiguous pile, Diaphragm wall, Struts and tie back .Calculation of surcharge acting on shoring system, Serious notes in shoring system.

UNIT III

6 hours

COURSE FORMAT:-

Diaphragm wall with anchors and struts we will talk about - Information about design of Diaphragm wall with anchors and struts in manual. Solving Example in manual.Example on praxis 2D. Definition of the material, Drawing and modelling of the example .Solve of the example software.

UNIT IV

6 hours

SOFTWARE IN SPOTLIGHT Example of Raft on praxis 3D, Definition of the material.Drawing and modelling of the example Solve of the example software, Deep Foundation we will talk about.

UNIT V

6 hours

Example of Pile on praxis 3D, Definition of the material Drawing and modelling of the example, Solve of the example software


CO-ORDINATOR
8/12/2016


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Melumoi Post, Palamaner 517408. Chittoor [Dist.]. A. P.
An ISO 9001 : 2015 Certified Institution



Department of Civil Engineering

VALUE ADDED COURSE: PIXAL 2D SOFTWARE
REG FORM:2016-17

CODE:1601VACO4
ATTENDANCE REPORT: 6/12/16 TO 12/12/16

S NO	REGD NO	NAME OF THE STUDENT	SIGNATURE
1	13HR1A0101	A DILLI BABU	Dilli Babu
2	13HR1A0103	A GEETHANJALI	A. Geethanjali
3	13HR1A0104	ARCAT SETHURAM VANI	A. sethurasam vani
4	13HR1A0105	B DINIKAR	B. Dinikar
5	13HR1A0106	B MONIKA	B. Monika
6	13HR1A0107	B VINEETHA	B. Vineetha
7	13HR1A0108	BANDLAPALLI RANJITHA	B. Ranjitha
8	13HR1A0109	BUSIREDDY VENKATESH	B. Venkatesh
9	13HR1A0110	C HEMAGIRI	C. Hemagiri
10	13HR1A0111	C HEMANTHKUMAR YADAV	C. Hemanth Kumar Yadav
11	13HR1A0112	C J CHARAN	C. Charan
12	13HR1A0113	CHENJI MAHESH	Chenji Mahesh
13	13HR1A0114	C SRAVAN KUMAR	C. Sravan Kumar
14	13HR1A0116	E T MOUNIKA	E.T. Monika
15	13HR1A0118	G REDDI PRASAD	G. Reddi Prasad
16	13HR1A0119	GANGAVARAM GANESH	Ganavaram Ganesh
17	13HR1A0120	H SURESH KUMAR	H. Suresh Kumar
18	13HR1A0121	INDUKURI KUSUMALATHA	Indukuri Kusumalatha
19	13HR1A0122	J T NALINI	J.N. Nalini
20	13HR1A0123	K R MONIKA	Monika
21	13HR1A0124	K VIJAYALAKSHMI	k. vijayalakshmi
22	13HR1A0125	M REDDYBHARATH	M. Reddy Bharath
23	13HR1A0126	M BALACHANDRA	M. Balachandra
24	13HR1A0127	MANDARAPU GANESH	mandarapu Ganesh
25	13HR1A0128	N HASSAIN BASHA	N. Hassain Basha
26	13HR1A0129	N ROHITHA	N. Rohitha
27	13HR1A0130	N SEKHAR NAIDU	N. Sekhar Naidu
28	13HR1A0131	NAKKALA NAGABHUSHANA	Nagabushana
29	13HR1A0132	O JAYAPRAKASH REDDY	O. Jayaprakash Reddy
30	13HR1A0133	P S CHAITHANYA KUMAR	P. S. Chaithanya Kumar
31	13HR1A0134	P SIREESHA	P. Sireesha
32	13HR1A0135	PATTALAKSHMI VAMSI	Pattalakshmi Vamsi
33	13HR1A0136	R BHAVANA	R Bhavana
34	13HR1A0137	R MUKESH	R. Mukesh
35	13HR1A0140	S DIVYA	S. Divya
36	13HR1A0142	S NISARAHAMED	S. Nisar Ahmed
37	13HR1A0143	S PRAKASH	S. Prakash
38	13HR1A0144	S SULTHANA	S. Sulthana
39	13HR1A0145	SAANAGARI RAJKUMAR	Saanagari Rajkumar

40	13HR1A0146	SANKU PAVAN KUMAR	Sanku Pavan Kumar.
41	13HR1A0148	T YASWANTH	T. Yaswanth
42	13HR1A0149	V VINOD KUMAR	V. Vinod Kumar
43	13HR1A0150	VARIKUTI SYAM KUMAR	Varikuti Syam Kumar
44	13HR1A0151	VELKURU KEERTHI PRIYA	Keerthi Priya
45	13HR1A0153	YENAMALA CHIRANJEEVI	Yenamala Chiranjeevi
46	14HR5A0101	BASAPURAM SIVAMMA	B. Sivamma
47	14HR5A0102	G. VIJAYABHASKAR REDDY	G. Vijayabhaskar Reddy
48	14HR5A0103	KOTHA PRABANDHA	K. Prabandha
49	14HR5A0104	M. NIROSHA	M. Nirosha
50	14HR5A0105	M. VENKATACHALAPATHI	M. Venkatalchalapathi
51	14HR5A0106	SURA SUGUNA	Sura Suguna

K. Veerappa
CG-ORDINATOR



HOD/CE

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DEPARTMENT OF CIVIL ENGINEERING

VALUE ADDED COURSE::PIXAL 2D SOFTWARE (1603VAC04)

IV B.TECH, PROGRAMME SCHEDULE ::

Academic year 2016-2017

S.NO.	DAY(S)	DATE	Duration	TIME	TOPIC(S)	EXPERT DETAILS
1	DAY 1	6-12-16	30 mins	09:30-10:00	Inauguration	S.REEHANA
2			1 hour	10:00-11:00	Introduction to the difference between CSI and Praxis Foundation	
3			2 hours	11:00-01:00	on CSI and how the designer calculate it - Foundation on Praxis 2D	
4			2 hours 30 mins	02:00-04:30	Introduction to shoring systems we will talk about	
5	DAY 2	7-12-16	30 mins	09:30-10:00	Selecting and editing	S.REEHANA
6			1 hour	10:00-11:00	Soldier pile, Sheet Pile Secant and contiguous pile	
7			2 hours	11:00-01:00	Creating sweeps and blends	
8			2 hours 30 mins	02:00-04:30	Creating holes and shells, Creating rounds, chamfers and Drafts	
9	DAY 3	9-12-16	30 mins	09:30-10:00	Variable section sweeps, Helical sweeps and Swept blends	B.VENKATESH
10			1 hour	10:00-11:00	Creating patterns	
11			2 hours	11:00-01:00	Group, copy, and mirror tools, Measuring and inspecting models	
12			2 hours 30 mins	02:00-04:30	Advanced reference management, Relations and parameters	
13	DAY 4	10-12-16	1 hour 30 mins	09:30-11:00	Diaphragm wall, Struts and tie back	B.VENKATESH
14			2 hours	11:00-01:00	Assembling with constraints	
15			2 hour 30 mins	02:00-04:30	Exploding assemblies	A.V.PAVANKUMAR
16	DAY 5	11-12-16	1 hour 30 mins	09:30-11:00	Creating surface features	A.V.PAVANKUMAR
17			2 hours	11:00-01:00	Example of Raft on praxis 3D, Definition of the material	
18			2 hours 30 mins	02:00-04:30	Creating drawing views	
19					Creating drawing details	
20	DAY 6	12-12-16	1 hour 30 mins	09:30-11:00	Creating and using assembly structure and skeletons	A.V.PAVANKUMAR
21			2 hours	11:00-01:00	PRACTICE	
22			1 hour	02:00-03:00	CONDUCTION OF EXAM	
23			1 hour 30 mins	03:00-04:00	DISTRIBUTION OF CERTIFICATES	

Total Duration of Course:36 hours.

N. Anemata
CO-ORDINATOR
18/12/2016

[Signature]
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38	13HR1A0144	S SULTHANA	P	P	P	P	P	P	P	P	P	P	P	P
39	13HR1A0145	SAANAGARI RAJKUMAR	P	P	P	P	P	P	P	P	P	P	P	P
40	13HR1A0146	SANKU PAVAN KUMAR	P	P	P	P	P	P	P	P	P	P	P	P
41	13HR1A0148	T YASWANTH	P	P	P	P	P	P	P	P	P	P	P	P
42	13HR1A0149	V VINOD KUMAR	P	P	P	P	P	P	P	P	P	P	P	P
43	13HR1A0150	VARIKUTI SYAM KUMAR	P	P	P	P	P	P	P	P	P	P	P	P
44	13HR1A0151	VELKURU KEERTHI PRIYA	P	P	P	P	P	P	P	P	P	P	P	P
45	13HR1A0153	YENAMALA CHIRANJEEVI	P	P	P	P	P	P	P	P	P	P	P	P
46	14HR5A0101	BASAPURAM SIVAMMA	P	P	P	P	P	P	P	P	P	P	P	P
47	14HR5A0102	G. VIJAYABHASKAR REDDY	P	P	P	P	P	P	P	P	P	P	P	P
48	14HR5A0103	KOTHA PRABANDHA	P	P	P	P	P	P	P	P	P	P	P	P
49	14HR5A0104	M. NIROSHA	P	P	P	P	P	P	P	P	P	P	P	P
50	14HR5A0105	M. VENKATACHALAPATHI	P	P	P	P	P	P	P	P	P	P	P	P
51	14HR5A0106	SURA SUGUNA	P	P	P	P	P	P	P	P	P	P	P	P
NO OF ABSENTS			1	1	1	1	0	0	1	0	0	1	1	1
EXPERT SIGNATURE			<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>

[Signature]
CO-ORDINATOR

[Signature]
MOD/CE
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DEPARTMENT OF CIVIL ENGINEERING

VALUE ADDED COURSE: PLAXIS 2D SOFTWARE (1601VAC04)

QUESTION PAPER


ACADEMIC YEAR 2016-2017

ANSWER ALL THE FOLLOWING QUESTIONS EACH CARRY EQUAL MARKS

15X2=30MARKS

1. What are the differences between associative hatching and non-associative hatching in CAD?
2. What is 3D Graphic Art and how is it useful for a designer?
3. What is the use of Adobe Pagemaker?
4. What are the components of graphic design?
5. Explain the components of graphic design?
6. What is the difference between a window polygon and a crossing polygon?
7. What is Linked Layer?
8. What is Lasso tool?
9. What is the shortcut to reset zoom?
10. What are the core graphic design principles?


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DEPARTMENT OF CIVIL ENGINEERING **VALUE ADDED COURSE: PIXAL 2D SOFTWARE**
EVALUATION REPORT: AY 2016-2017 **CLASS: VI YEAR**

S NO	REGD NO	NAME OF THE STUDENTS	GRADES
1	13HR1A0101	A DILLI BABU	A
2	13HR1A0103	ANUMAPPAGARI GEETHANJALI	B
3	13HR1A0104	ARCAT SETHURAM VANI	B
4	13HR1A0105	B DINIKAR	A
5	13HR1A0106	B MONIKA	A
6	13HR1A0107	B VINEETHA	C
7	13HR1A0108	BANDLAPALLI RANJITHA	A
8	13HR1A0109	BUSIREDDY VENKATESH	B
9	13HR1A0110	C HEMAGIRI	A
10	13HR1A0111	C HEMANTHKUMAR YADAV	C
11	13HR1A0112	C J CHARAN	B
12	13HR1A0113	CHENJI MAHESH	A
13	13HR1A0114	CHITTIVEERAGALLA SRAVAN KUMAR	A
14	13HR1A0116	E T MOUNIKA	B
15	13HR1A0118	GANGAPURAM REDDI PRASAD	B
16	13HR1A0119	GANGAVARAM GANESH	A
17	13HR1A0120	H SURESH KUMAR	C
18	13HR1A0121	INDUKURI KUSUMALATHA	A
19	13HR1A0122	J T NALINI	B
20	13HR1A0123	K R MONIKA	A
21	13HR1A0124	K VIJAYALAKSHMI	B
22	13HR1A0125	M REDDYBHARATH	B
23	13HR1A0126	MAHASAMUD AM BALACHANDRA	A
24	13HR1A0127	MANDARAPU GANESH	A
25	13HR1A0128	N HASSAIN BASHA	B
26	13HR1A0129	N ROHITHA	B
27	13HR1A0130	N SEKHAR NAIDU	A
28	13HR1A0131	NAKKALA NAGABHUSHANA REDDY	B
29	13HR1A0132	O JAYAPRAKASH REDDY	A
30	13HR1A0133	P S CHAITHANYA KUMAR	B
31	13HR1A0134	P SIREESHA	A
32	13HR1A0135	PATTALAKSHMI VAMSI	B
33	13HR1A0136	R BHAVANA	B
34	13HR1A0137	R MUKESH	A
35	13HR1A0140	S DIVYA	C
36	13HR1A0142	S NISARAHAMED	D
37	13HR1A0143	S PRAKASH	A
38	13HR1A0144	S SULTHANA	B
39	13HR1A0145	SAANAGARI RAJKUMAR	B
40	13HR1A0146	SANKU PAVAN KUMAR	A
41	13HR1A0148	T YASWANTH	A

42	13HR1A0149	V VINOD KUMAR	A
43	13HR1A0150	VARIKUTI SYAM KUMAR REDDY	B
44	13HR1A0151	VELKURU KEERTHI PRIYA	B
45	13HR1A0153	YENAMALA CHIRANJEEVI	A
46	14HR5A0101	BASAPURAM SIVAMMA	D
47	14HR5A0102	G. VIJAYABHASKAR REDDY	B
48	14HR5A0103	KOTHA PRABANDHA	A
49	14HR5A0104	M. NIROSHA	A
50	14HR5A0105	M. VENKATACHALAPATHI	B
51	14HR5A0106	SURA SUGUNA	B

Grade A>75%,B>65%,C>50%,D-FAIL

M. Hemanta
CO-ORDINATOR
18/12/2016

M. Hemanta
HOD/CE
18/12/2016

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Civil Engineering
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PALAMANER - 517 408.



DEPARTMENT OF CIVIL ENGINEERING
Report-On
VALUE ADDED COURSE::PIXAL 2D SOFTWARE (1603VAC04)
Academic Year 2016-17
(6.12.2016 TO 12.12.20216)

* * * * *

As the Department of Civil engineering conducting the value added course on PIXAL 2D SOFTWARE organized for students of IV Year Civil Engineering students on 6th Dec to 12th Dec 2016 to enhance the student knowledge to meet the future industrial demand. The faculties have given mix of theory and practical knowledge on PIXAL 2D SOFTWARE.

This program was organized by B.B.O.PRASAD, Head of the department with the co-ordination of S.REEHANA, Assistant Professor, CE Department, B.VENKATESH, Assistant Professor, CE Department, CE Departmen tA.V.PAVANKUMAR, Assistant Professor, CE Department.

The value added course was organized for six days effective from 6.12.2016 to 12.12.2016 with a total duration of 36 hrs. Fifty one students from fourth year Civil Engineering were benefitted from this program. The program was held in Civil Seminar hall for inauguration. Theory and technical session practical's were conducted in CADD lab.

The total program is successfully completed with the cooperation of each and every faculty member of the department and student participants.



At the time of program


CO-ORDINATOR



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DEPARTMENT OF CIVIL ENGINEERING
VALUE ADDED COURSE::PLAXIS 2D SOFTWARE

IV B.TECH

AY 2016-2017(6.12.2016 TO 12.12.2016)

Feedback Form

Name of the Staff:1. S.REEHANA

2.K.BHARGAVI

3.D.MANJULA

Choose:

- 5- Excellent
- 4- Very Good
- 3- Good
- 2- Fair
- 1- Poor

S.No	Description	5	4	3	2	1
1	Organization of Subject in Logical Sequence					
2	Clarity and audibility of Speech					
3	Method of Explanation with proper Illustrations & Examples					
4	Way of Raising doubts & Effective clarification of doubts					
5	Relevance of the lecture to the topic announced					
6	Overall Performance					

Suggestions if any:

Signature (Optional)



DEPARTMENT OF CIVIL ENGINEERING

VALUE ADDED COURSE:: PLAXIS 2D SOFTWARE

IVB.TECH

AY 2016-2017(06.12.2016 TO 12.12.2016)

Feedback Analysis

Number of students submitted Feedback Forms:52

Total number of Points:260

S.No	Description	Excellent	Very Good	Good	Fair	Poor	%
1	Organization of Subject in Sequence	20	25	5	2	0	84.30
2	Clarity and audibility of Speech	28	20	3	1	0	88.84615
3	Method of Explanation with proper Illustrations & Examples	30	20	1	1	0	90.38462
4	Way of Raising doubts & Effective clarification of doubts	30	20	2	0	0	90.76923
5	Relevance of the lecture to the topic announced	31	20	1	0	0	91.53846
6	Overall Performance	25	25	1	0	0	87.69231
Total(Average)							88.905%

- Total Points ≥ 90 → Excellent (5 Points)
Total Points ≥ 80 → Very Good (4 Points)
Total Points ≥ 70 → Good (3 Points)
Total Points ≥ 50 → Fair (2 Points)
Total Points ≤ 49 → Poor (1 Points)

Feedback analysis report: The VALUE ADDED COURSE was very good based on the feedback percentage that was given by the students.


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Melumoi (Post), Palamaner-517408, Chittoor Dist., A.P.

Website: www.mfitech.edu.in email: mtieat@gmail.com ☎ 08579 268589



Certificate

This is to Certify that Mr./Ms.A.D.I.U...BASU..... Reg. No.13.HR(A9..10!.....

Dept. of CIVIL Engineering has successfully completed a course in "PLAXIS 2D SOFTWARE", conducted by the department of CIVIL Engineering, MTIET, Palamaner from 06st December 2016 to 12th December 2016 has obtained ...A.... grade.

N. Arumugam
CO-ORDINATOR

Theresa
HEAD OF THE DEPT.
CIVIL ENGINEERING
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Pr
PRINCIPAL