



PRAKASAM ENGINEERING COLLEGE

0.V. Road, Kandukur, Prakasam Dist., A.P., Tel : 08598 222288, 221300

APPROVED BY AICTE, NEW DELHI | AFFILIATED TO JNTU, KAKINADA, UNDER AMMA EDUCATION SOCIETY

Department of Civil Engineering

Kandukur,

05/10/2016.

To
The Head of the Department,
Civil Engineering,
Prakasam Engg College of Engineering,
Kandukur.

Sub: Approval for conducting Certificate Course-Reg.

Sir,

, As per your request to conduct a Certificate Course on "GIS AND ITS APPLICATIONS" for a duration of 2 weeks from 10th Oct 2016 to 23rd Oct 2016 in CAD Lab is accepted and you are advised to take necessary steps to make the event successful.

Thanking you,

PRINCIPAL

PRINCIPAL
PRAKASAM ENGINEERING COLLEGE
KANIGIRI ROAD
KANDUKUR-523 105.
Prakasam Dist, A.P.



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Department of Civil Engineering

To
The Principal,
Prakasam Engineering College,
Kandukur.

03/10/2016
KANDUKUR

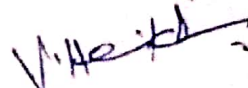
Sir,

Sub: Request for conducting a certification course on "GIS AND ITS APPLICATIONS"-Reg.

This is to bring to your kind notice that, we would like to organize a Certification Course program on "GIS AND ITS APPLICATIONS"- scheduled on 10th Oct 2016 to 23rd Oct 2016. We are happy to inform you for conducting this program which is useful for the students of IV B.Tech Students.

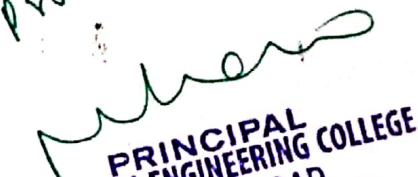
Thanking you Sir,

Yours sincerely


HOD-CE

Head of the Department
Department of
CIVIL ENGINEERING
PRAKASAM ENGINEERING COLLEGE
0.V. Road, KANDUKUR-523 105
PRAKASAM DT. A.P.

Approved


PRINCIPAL
PRAKASAM ENGINEERING COLLEGE
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Department of Civil Engineering

Date : 06/10/2016

CIRCULAR

All the IV B.Tech students are here by informed that our department is going to conduct 14 Days training program 10th Oct 2016 to 23rd Oct 2016 on "GIS AND ITS APPLICATIONS" interested students can enrol their names in the department on or before 09-10-2016.

HOD-CE

Head of the Departement
Department of
CIVIL ENGINEERING
PRAKASAM ENGINEERING COLLEGE
0.V. Road, KANDUKUR-523 105
PRAKASAM DT. A.P.



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Department of Civil Engineering

S NO	ROLLNO	NAME
1	13F91A0101	ABHILASH.M
2	13F91A0102	ADEIAH.P
3	13F91A0103	VENKATA MANOJ.B
4	13F91A0104	BHANU PRAKASH REDDY.K
5	13F91A0105	BINDU.K
6	13F91A0106	CHANDANA.P
7	13F91A0107	DANIYELU.S
8	13F91A0108	DATHATREYA.K
9	13F91A0109	DEVID RAJU.D
10	13F91A0110	GOPI KRISHNA.G
11	13F91A0111	KONDALA RAO.K
12	13F91A0112	KOTAIAH.L
13	13F91A0113	LAKSHMI PRASANTHI.K
14	13F91A0114	MAHENDRABABU.K
15	13F91A0115	MAHESH.K
16	13F91A0116	MANI KANTHA.G
17	13F91A0117	MASTHANVALI.SK
18	13F91A0118	NAVEEN.K
19	13F91A0119	NAVYA SRI.K
20	13F91A0120	NAZMA.SK
21	13F91A0121	NIKHIL.R
22	13F91A0122	PAVAN KUMAR.B
23	13F91A0123	PAVAN KUMAR REDDY.D
24	13F91A0124	PAVANKUMAR.P
25	13F91A0125	POLI REDDY.T
26	13F91A0126	PRADEEP KUMAR.K
27	13F91A0127	PRASAD.M
28	13F91A0128	PRASANNA KUMAR REDDY.G
29	13F91A0130	RAKESH.N
30	13F91A0131	RUTHVIK CHOWDARY.A
31	13F91A0132	SAI KUMAR.S
32	13F91A0133	SAIDULU.D
33	13F91A0134	SALMA BEGUM.SK
34	13F91A0135	SAMBASIVA RAO.M
35	13F91A0136	SANDEEP.P
36	13F91A0137	SESHA RAO.K
37	13F91A0138	SIVAKUMAR.D
38	13F91A0139	SIVAMUKKANTVENKATESWARLU V
39	13F91A0140	SREEKANTH.D
40	13F91A0141	SREERAM G
41	13F91A0142	SRIDEEPHTY.S
42	13F91A0143	SRIKANTH.B

43	13F91A0144	SRIKANTH.K
44	13F91A0145	SRINIVASULU.K
45	13F91A0146	SURESH.T
46	13F91A0147	SUSMITHA.B
47	13F91A0148	SWETHA SRI.G
48	13F91A0149	VAMSI KRISHNA.K
49	13F91A0150	VEERA VASANTHA RAYUDU.N
50	13F91A0151	VENKATA MANIKANTA.V
51	13F91A0152	VENKATA RAVICHANDRA.B
52	13F91A0153	VENKATA SIVA BRAHMAM.K
53	13F91A0154	VENKATASUBBAIAH.Y
54	13F91A0155	VENKATESWARA RAO.K
55	13F91A0156	VENKATESWARLU.V
56	13F91A0157	VIRAT BABU SUGAMANCHI
57	13F91A0158	VYSHNAVI CHALLA
58	13F91A0159	YESWANTH CHOWDARY.S
59	14F95A0101	SRIKANTH REDDY. K
60	13F31A0127	SIREESHA. A

V. Heild
Head of the Department
Department of
CIVIL ENGINEERING
PRAKASAM ENGINEERING COLLEGE
O.V. Road, KANDUKUR-523 105
PRAKASAM DT, A.P.



- Civil, Structural Engineering Consultants (RCC, Steel & PEB)
- Training - Civil, Structural Designs, Drawings & Construction Management Mechanical (CAD/CAM), GIS (Geographical Information System)



This certificate is awarded to Mr. / Ms. VENKATA.MANOJ.B.....

on Successful Completion of Training / Work Shop..... GIS &ITS APPLICATION S.....

from..... 10-10-2016..... to..... 23-10-2016..... under my guidance and supervision.

Date : 23-10-2016

VASU PENDYALA
CEO

2-194/13, Flat No. 3A, Jayram Towers, Kanuru, VIJAYAWADA - 522 007, A.P.
Ph : 98493 68438, 88857 37693 Email : vasupendyala111@gmail.com

RCC

- Civil, Structural Engineering Consultants (RCC, Steel & PEB)
- Training - Civil, Structural Designs, Drawings & Construction Management Mechanical (CAD/CAM), GIS (Geographical Information System)



This certificate is awarded to Mr. / Ms..... BHANU PRAKASH REDDY.K.....

on Successful Completion of Training / Work Shop..... GIS & ITS APPLICATIONS.....

from..... 10-10-2016..... to..... 23-10-2016..... under my guidance and supervision.

Date : 23-10-2016

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This certificate is awarded to Mr. / Ms..... BINDU.K.....

on Successful Completion of Training / Work Shop..... GIS&ITSAPPLICATIONS.....

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This certificate is awarded to Mr. / Ms. ABHILASH.M.....

on Successful Completion of Training / Work Shop..... GIS&ITSAPPLICATIONS.....

from..... 10-10-2016..... to..... 23-10-2016..... under my guidance and supervision.

Date : 23-10-2016

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- Training - Civil, Structural Designs, Drawings & Construction Management Mechanical (CAD/CAM), GIS (Geographical Information System)



This certificate is awarded to Mr. / Ms. ADEIAH.P.....

GIS & ITS APPLICATIONS

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Date : 23-10-2016

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GIS

Course content

Learning Touch Points

- History/Introduction,
- Classification of Structures
- Modules in stadd pro,

Developing of structural Geometry

- Graphical environment
- Analytical input of data o Structure Geometry and coordinate system
 - o How to Generate Joints and Members
 - o How to assign Structural Boundary Condition
 - o Grouping and renumbering of Joint and Member numbers
 - o Assigning of Properties and release of a structural members
 - o Assigning of supports
 - o Structural geometry check

Loading

- Creating gravity load cases
- Assigning loads to 3D frame model
- Combination for the assigned load cases
- Check the loads direction.

Results

- Study of Bending, shear & torsion for Beam members
- Study of Axial load & Bi axial moments for Column members
- Study of Deformation of nodes and deflection of various structural members.
- Check for overall stability of the structure

Design

- Assigning design parameters as per I.S 456
- Study of Design summary results in terms of percentage of reinforcement.
- Study of detail results for an individual members
- Study of Design report for each structural component like (Footing, Column, and Beam) and interpolate with the manual calculations.
- How to assign the data for various elements like (footings, columns and beams) to the R.C.C detailer.

Details result summary for

- o Geometry
- o Load cases & Combination
- o Design summary for columns, beams.
- o Reactions for footings.

Stadd Foundation

- Design of isolated footing design using staad foundation software by using staad pro reactions.