



MALLA REDDY ENGINEERING COLLEGE

(Autonomous)

Maisammaguda, Dhullapally (post via Kompally) Secunderabad-500100

Department of Civil Engineering

Ref /MREC/CE/VCA/2015/05

Date: 25.09.2015

Circular

The department of Civil Engineering is organizing Value added course on "INTRODUCTION TO REVIT ARCHITECTURE" from 01st to 06th October 2015. The resource person for the program is Dr S.Mathew.

All the students must register for the training by consulting the coordinator Mr.B.Vamshi Krishna, Assistant Professor, Civil Department. The detailed schedule will be displayed on the department notice board.

PRINCIPAL
Malla Reddy Engineering College
(Autonomous)
Maisammaguda, Dhulapally,
(Post Via Kompally), Sec'bad-500 100



HOD-CE

Advisory Committee:

Chief Patrons: Sri. Ch. Malla Reddy,
Founder Chairman
Malla Reddy Group of Institutions

Patrons: Sri.Ch. Mahender Reddy
Secretary, MRGI
Dr.Ch.Bhadra Reddy
President, MRGI

Co-Patrons: Dr. Sudhakar Reddy
Principal, MREC (A)

Convener: Dr.P.Rajashekar
HOD CIVIL

Coordinator: B.Vamshi Krishna
Assistant Professor, CIVIL

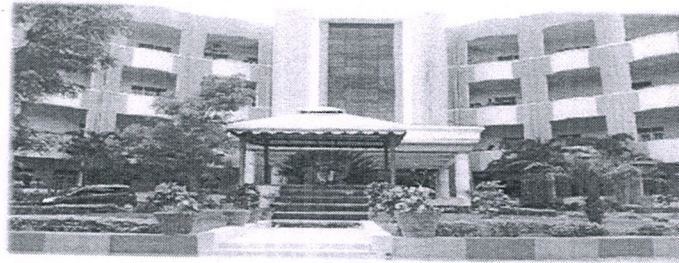


*A Six Day Skill development Course
(Value added Course)*

On

**“Introduction to Revit Architecture”
(1st to 6th October, 2015)**

In Association with



Organized by

**Department of Civil Engineering
MALLA REDDY ENGINEERING COLLEGE**
(AUTONOMOUS) MAIN CAMPUS

An UGC Autonomous Institution, Approved by
AICTE & Affiliated to JNTUH-Hyderabad
Reaccredited by NAAC with ‘A’ Grade,
Maisammaguda(H), Gundlapochampally (V),
Medchal (M), Medchal - Malkajgiri District
Telangana - 500100, India.

Registration Form:

*A Six Day Skill development Course
(Value added Course)*

On

**“Introduction to Revit Architecture”
(1st to 6th October, 2015)**

- 1.Name.....
- 2.Roll No.....
- 3.Department.....
- 4.Mailing address.....
- 5.Mobile.....
- 6.Email.....

Signature of the Applicant

Date:

Place:

This is to certify that
Mr/Ms.....of.....
Is sponsored to attend the Value Added
Course

Signature of the Institution with Seal

Date:

Place:

About the Institution

Malla Reddy Engineering College (Autonomous) is one of the reputed engineering colleges in Hyderabad, Telangana. MREC (A) is part of Malla Reddy Group of Institutions (MRGI), founded by Sri. Ch. Malla Reddy. The college is situated in a serene lush green environment in Maisammaguda, Gundlapochampally, Medchal(M), Mechal-Malkajgiri District, Telangana-500100.

The college was established in 2002 and is an autonomous institution approved by UGC and affiliated to JNTUH. The college is re-accredited by NAAC with 'A' Grade (II Cycle) and was conferred autonomous status by JNTUH in 2011 and by UGC in 2014 for a period of 6 years. Our eligible UG and PG programs received NBA accreditation and some of them received reaccreditation too. Along with programs in various streams of Engineering & Technology and Management. It boasts of world-class infrastructure and well-equipped laboratories in all departments and is skillfully and smartly guided by Dr. Sudhakar Reddy, Principal, MREC(A) who have a rich teaching and industrial experience.

About the Department:

The Department of Civil Engineering at MREC has been producing high quality technical manpower needed by industry, R&D organizations, and academic institutions since 2004 with an Intake of 60. The intake has been

increased to 120 in the year 2009 and 180 in the year 2014. The Department started offering M.Tech with two more courses at P.G level-geotechnical engineering and transportation engineering are being offered from the academic year 2013-2014 with an intake of 24 each. The department was accredited by NBA in the year 2014.

Overview of the Programme:

The primary responsibility of student is not only to study towards a higher vision but also create a strong sense of bonding between the institution and the students to nurture a stress-free holistic environment. To enhance the quality of life for the students enabling them to introspect and learn techniques that imbibe ethics & morals in their teaching and help pre-prepare students for active and successful participation in a modern society, producing individuals of high character, probity and honor.

Proposed VAC is helping to imbibe the skills and competencies required to achieve goals directed by values, to maintain and enhance faculty effectiveness by inculcating dynamism and leadership qualities and to develop commitment and ethical approach towards work, and instill a sense of responsibility towards the institution. Also to enhance communication and soft skills, by introducing innovative teaching methodologies and developing an inter-personal connection with students. To achieve this goal,

Art of Living foundation is conducting this workshop through ATAL.

Objectives of the Programme:

- To imbibe the skills and competencies required to achieve goals directed by values.
- To maintain and enhance student effectiveness by inculcating dynamism and leadership qualities.
- To develop commitment and ethical approach towards work, and instill a sense of responsibility towards the companies.
- To enhance communication and soft skills of the students by introducing innovative methodologies and developing an interpersonal connection.

Topics to be covered:

- Basic drawing and modifying tools.
- Setting up levels and grids.
- Modeling floors.

Test and Certificate:

A test will be conducted at the end of the program and the certificates shall be issued to those participants

Outcome of the Program:

- After completing the Course, the student will itself feel the difference in terms of:
- Enhanced Potential, Fair-mindedness
 - Empathetic behavior & Optimistic attitude
 - Dynamism, Commitment and Confidence
 - Ethical Leadership & Risk taking ability.



MALLA REDDY ENGINEERING COLLEGE (AUTONOMOUS)

(UGC Autonomous Institution, Affiliated to JNTUH, Accredited 2nd time by NAAC with 'A' Grade & NBA and Recipient of World Bank Assistance under TEQIP-II S.C. 1.1)

Maisammaguda (H), Medchal-Malkajiri District, Telangana State – 500100

SYLLABUS

“INTRODUCTION TO REVIT ARCHITECTURE”

Autodesk Revit is a building information modelling software for architects, landscape architects, structural engineers, mechanical, electrical, and plumbing (MEP) engineers, designers and contractors. The original software was developed by Charles River Software, founded in 1997, renamed Revit Technology Corporation in 2000, and acquired by Autodesk in 2002.

Overview:

From the outset, Revit was intended to allow architects and other building professionals to design and document a building by creating a parametric three-dimensional model that included both the geometry and non-geometric design and construction information, which is also known as Building Information Modelling or BIM (1975 Eastman C.). At the time, several other software packages—such as ArchiCAD and Reflex—provided a three-dimensional virtual building model, and let the user control individual components via parameters (parametric components).

Version 1.0 and beyond:

Revit version 1.0 was released on April 5, 2000. The software progressed rapidly, with version 2.0, 3.0, 3.1, 4.0, and 4.1 released in August 2000; October 2000; February 2001; June 2001; November 2001; and January 2002, respectively.

The software was initially offered only as a monthly rental, with no option to purchase. Licensing was controlled by an entirely automatic process, an innovation at a time when human intervention and manual transmission of authorization codes was required to buy other types of design software.

Modeling:

The Revit work environment allows users to manipulate whole buildings or assemblies (in the project environment) or individual 3D shapes (in the family editor environment). Modeling tools can be used with pre-made solid objects or imported geometric models. However, Revit is not a NURBS modeller and also lacks the ability to manipulate an object's individual polygons except on some specific object types such as roofs, slabs, and terrain or in the massing environment.

Revit includes categories of objects ('families' in Revit terminology). These fall into three groups:

- System Families, such as walls, floors, roofs, ceilings, major finishes, and even furniture built inside a project

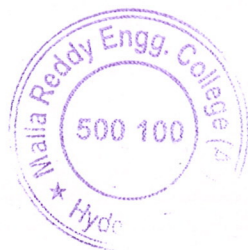


- Loadable families/components, which are built with primitives (extrusions, sweeps, etc.) separately from the project and loaded into a project for use
- In-Place Families, which are built in-situ within a project with the same toolset as loadable components

An experienced user can create realistic and accurate families ranging from furniture to lighting fixtures, as well as import existing models from other programs. Revit families can be created as parametric models with dimensions and properties. This lets users modify a given component by changing predefined parameters such as height, width or number in the case of an array. In this way a family defines a geometry that is controlled by parameters, each combination of parameters can be saved as a type, and each occurrence (instance in Revit) of a type can also contain further variations. For example, a swing door may be a Family. It may have types that describe different sizes, and the actual building model has instances of those types placed in walls where instance-based parameters could specify the door hardware uniquely for each occurrence of the door.

Rendering:

When a user creates a building, model, or any other kind of object in Revit, they may use Revit's rendering engine to make a more realistic image of what is otherwise a very diagrammatic model. The user accomplishes this either by using the premade model, wall, floor, etc., tools, or making her or his own models, walls, materials, etc. Revit 2010 comes with a plethora of predefined materials, each of which can be modified to the user's desires. The user can also begin with a "Generic" material. With this, the user can set the rotation, size, brightness, and intensity of textures, gloss maps (also known as shinemaps), transparency maps, reflection maps, oblique reflection maps, hole maps, and bump maps, as well as leaving the map part out and just using the sliders for any one (or all or none) of the aforementioned features of textures.

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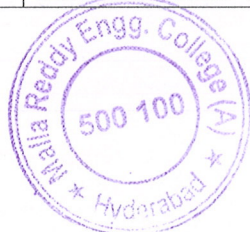
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Maisammaguda (H), Medchal-Malkajgiri District, Telangana State – 500100

VAC ENROLLED LIST

INTRODUCTION TO REVIT ARCHITECTURE 01st to 06th October - 2015

Sl.No	Roll No	Name
1	13J41A0101	ADDHUZ RAHUL YADAV
2	13J41A0102	A. NITHIN
3	13J41A0103	ANUPALA NAGARAJU
4	13J41A0104	ARKA MAHARSHI
5	13J41A0105	BALLIKONDA NIKHIL
6	13J41A0107	BODDU ARUNA KUMARI
7	13J41A0108	BOINE NAGARJUNA YADAV
8	13J41A0109	BOTLA BHANUCHANDRA PRAKASH
9	13J41A0110	C.E.JESSIE MONICA
10	13J41A0111	CHANDAN PRASAD
11	13J41A0112	CHETTUKINDI RAKESH
12	13J41A0113	C. NANDESHWARA REDDY
13	13J41A0114	CR. NAVEEN TEJA
14	13J41A0115	DUSSA ARUN
15	13J41A0116	E. HARSHA VARDHAN REDDY
16	13J41A0117	GOLAPALLI VINAYKANTH REDDY
17	13J41A0118	G. SREEKANTH GOUD
18	13J41A0119	J. SANDHYA RANI
19	13J41A0120	JADHAV AJAY KUMAR
20	13J41A0121	J. SAI KIRAN
21	13J41A0122	ANITHA JAKKA
22	13J41A0123	J. SURYA SATYA NARAYANA RAJU
23	13J41A0124	JANNU SHISIRA
24	13J41A0125	K MANOJ NAIDU
25	13J41A0126	K ASHWINI BHARATHI
26	13J41A0127	KANDULA PRANAY KUMAR REDDY
27	13J41A0128	KOLIPAKA SHIVA NANDINI
28	13J41A0129	KOMARAM KALPANA
29	13J41A0130	KRISHNA ASISH KONDAPALLY VENKATA
30	13J41A0131	L. SRIKANTH
31	13J41A0132	M. SRINATH KUMAR
32	13J41A0133	M. SHRAVAN KUMAR
33	13J41A0134	MADAMACHI MANI CHAKRAVARTHY
34	13J41A0135	MOHAMMAD AMEIR
35	13J41A0136	MOHAMMAD RAYYAN
36	13J41A0137	MOHAMMED WASIM AKRAM
37	13J41A0138	MOHAMMED YASEEN




38	13J41A0139	MORAPALLY SRIVANI
39	13J41A0140	M. GANESH
40	13J41A0141	MUZAVAR RUHUL BAIG
41	13J41A0142	NANDYALA MANITH REDDY
42	13J41A0143	PANYALA SAI TEJA
43	13J41A0144	PATLOLLA BHAVANI
44	13J41A0145	PHULJALE ROHITH KUMAR
45	13J41A0146	PINGILI RAVEEN REDDY
46	13J41A0147	PINNABATLA BHARADWAJ
47	13J41A0148	P. SRIKAR
48	13J41A0149	PULLIVARTHI YESUBABU
49	13J41A0150	PUPPALA SATHVIK KUMAR
50	13J41A0151	PUTTAMONI HARITHA
51	13J41A0152	S. ASLAMBASHA
52	13J41A0153	S. MAHENDER REDDY
53	13J41A0154	SARGAM VIKAS
54	13J41A0155	SHAIK MAHAMMAD IRFAN
55	13J41A0156	SINGURU KALYAN RAO
56	13J41A0157	TARLADA SRI HARSHA
57	13J41A0158	TATIPALLY ARAVIND RAO
58	13J41A0159	YAPARU PRANAVI
59	13J41A0160	Y. PRAVEEN
60	14J45A0101	CHINNAKOMALAI AHGARI AMRUTHA
61	14J45A0102	M. MADHU
62	14J45A0103	DEVAVATH NARESH
63	14J45A0104	PUNNA TEJA
64	14J45A0105	ALALA MAMATHA
65	14J45A0106	GUDIPADU RANADHEER
66	14J45A0107	NITTURI MAHESH
67	14J45A0108	ELMULA YOGESH
68	14J45A0109	JHADI PRAMOD
69	14J45A0110	MAMIDI KAVYA
70	14J45A0111	B. SRIKANTH
71	14J45A0112	VASAMCHETTY DURGA PRASAD
72	12J41A0115	GOGGA MALLIKARJUN
73	13J41A0161	ALETI. RAJSHEKAR
74	13J41A0162	ACHANNAGARI SHRAVAN
75	13J41A0163	A. BHIM RAO
76	13J41A0164	AVVOLLA MAHESHWARI
77	13J41A0165	B. SRINATH
78	13J41A0166	BUDDE AJAY KUMAR
79	13J41A0167	CH SAI CHARAN NAIK
80	13J41A0168	CHANDAN MEHRA
81	13J41A0169	CHINTALA PRAVEEN
82	13J41A0170	D MAHESH
83	13J41A0171	DVIJAY KUMAR



84	13J41A0172	DAKA VASANTH NATH REDDY
85	13J41A0173	ELURI SANJAY
86	13J41A0174	GADDAM NITHIN KUMAR
87	13J41A0175	GAJULA SHIVAGANESH
88	13J41A0176	G.RAVI TEJA
89	13J41A0177	GOUDLA REVANKUMAR GOUD
90	13J41A0178	JADHAV ANUP KUMAR
91	13J41A0179	JAKKAMPUDI PRUDVI
92	13J41A0180	KARASALA SAI GOPI
93	13J41A0181	KARNE SAI KUMAR
94	13J41A0182	KASIREDDY GAYATHRI
95	13J41A0183	KOKKULA AKASH
96	13J41A0185	MACHINENI KIRAN KUMAR
97	13J41A0186	MANDA PRANITH
98	13J41A0187	MANDHA MARUTHI
99	13J41A0188	MOHD SULTAN MOINUDDIN
100	13J41A0189	BHAVANI PRASAD.MEDICHERLA
101	13J41A0190	MENGU YASHPAL
102	13J41A0191	MOHAMMED ALTAF UR RAHMAN
103	13J41A0192	MUDARAKOLA SAI NIVAS
104	13J41A0193	MULA TEJASWI
105	13J41A0194	NAKEERTHA VENKATESH
106	13J41A0195	NALLA JASWANTH
107	13J41A0196	NAMA SREE LEKHA
108	13J41A0197	T.NARSA LAKSHMI
109	13J41A0198	NETHIKUNTA RAHUL
110	13J41A0199	NIMMALA KRISHNA KANTH
111	13J41A01A0	ORSU VENKATESH
112	13J41A01A1	P LAKSHMESWAR RAO
113	13J41A01A2	P PRITHVI
114	13J41A01A3	PATEL SANDHYA RANI
115	13J41A01A4	PATIL NIKHIL KUMAR
116	13J41A01A5	PILLI SAI PRASANTHI
117	13J41A01A6	POTHINENI MOHITH SAI SRI
118	13J41A01A7	POTHULA NAGA RAGHAVA PRASANTH
119	13J41A01A8	SAMBARU AMARDEEP
120	13J41A01A9	S. AKHIL KUMAR REDDY
121	13J41A01B0	SANGAPATNAM DEEP CHAND REDDY
122	13J41A01B1	S.GREESHMA
123	13J41A01B2	SURARAPU CHANDRA SHEKAR
124	13J41A01B3	T ABHILASH GOUD
125	13J41A01B4	T POOJITH
126	13J41A01B5	THOTA VENKATA LAXMI SUSHMITHA
127	13J41A01B6	V SAI PRASAD
128	13J41A01B7	VADDE DILEEP
129	13J41A01B8	VAKUMOLLA MOHAN REDDY



130	13J41A01B9	SAI VAMSHI KRISHNA ANASURI
131	13J41A01C0	VOGGOJU RAMESH
132	14J45A0113	DOMEEWAR SAI PRASAD
133	14J45A0114	KETHAVATH NAGARAJU
134	14J45A0115	GUDAM BHAVANI
135	14J45A0116	MALAVATH NARENDER
136	14J45A0117	MARTHA SRIDHAR
137	14J45A0118	GODINI PREM KUMAR
138	14J45A0119	BADIKELA SUMAN
139	14J45A0120	C SHANKAR GOUD
140	14J45A0121	M MUKESH KUMAR
141	14J45A0122	PADILAM DURGA VAMSHI
142	14J45A0123	K. RAVI TEJA
143	14J45A0124	SAPAVAT INDRAVATHI
144	11J41A0195	PILLI SHIRISHA
145	12J41A0198	P.KASHYAP
146	12J41A0120	K.SANTHOSH KUMAR
147	12J41A01B8	VENKATA SUBBA REDDY
148	12J41A01B9	VUMMANENI PRASHANTH VYDYA
149	12J41A01C0	YERRA INDRA KARAN
150	13J45A0113	GUGULAVATH SHEKAR NAYAK
151	13J45A0114	CHINDAM ANIL KUMAR
152	13J45A0115	DUMPALA ABHIGNA
153	13J45A0116	K JYOTHSNA
154	13J45A0117	DOVA RAMESH BABU
155	13J45A0118	MENDE MADHU KUMAR
156	13J45A0119	GOPI KRISHNA GANGULA
157	13J45A0120	KUNCHIMALLA DIVYA
158	13J45A0121	G LAXMAN
159	13J45A0122	GADDAM KAVYA


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Maisammaguda (H), Medchal-Malkajgiri District, Telangana State – 500100

DEPARTMENT OF CIVIL ENGINEERING
ACADEMIC YEAR: 2015-16
SUMMARY REPORT

Value Added course name: Introduction to Revit Architecture

Value Added course Instructor: Dr. S.Mathew

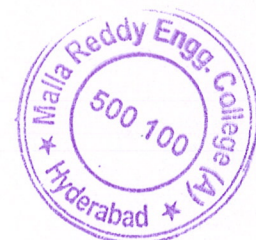
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B.V
Co-Ordinator

Mathew
HOD

Mathew
Malla Reddy Engineering College
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Maisammaguda, Dhulapally,
(Post Via Kompally), Sec'bad-500 100



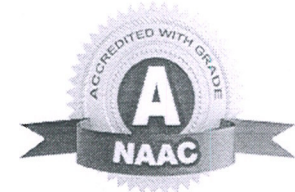


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CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. A.RAHUL YADAV bearing Roll
No. 13J41A0101 has successfully completed Certificate / Value Added
Course / Workshop in Introduction to Revit Architecture conducted
by the Department of Civil Engineering from 01/10/2015 to 06/10/2015

B.V. →
COORDINATOR



HOD

Rahul

Ramesh

Principal

Malla Reddy Engineering College
Maisammaguda, Dhulapally,
(Post Via Kompally, Sec-500-100)

[Signature]

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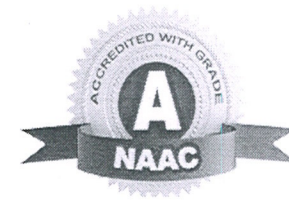


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This is to certify that Mr./Ms. A.NITHIN bearing Roll
No. 13J41A0102 has successfully completed Certificate / Value Added
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13.V
COORDINATOR



HOD

Rahul

Ramesh

Principal

Malla Reddy Engineering College
Maisammaguda, Dhulapally
(Post Via Kompally, Secunderabad)

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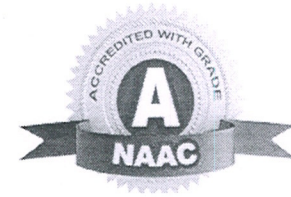


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CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. A.NAGARAJU bearing Roll
No. 13J41A0103 has successfully completed Certificate / Value Added
Course / Workshop in Introduction to Revit Architecture conducted
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B.V. →
COORDINATOR




HOD


Principal

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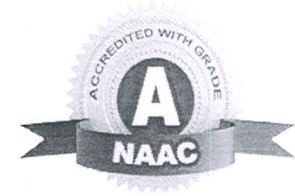


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CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. A.MAHARSHI bearing Roll
No. 13J41A0104 has successfully completed Certificate / Value Added
Course / Workshop in Introduction to Revit Architecture conducted
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B.V
COORDINATOR



[Signature]
HOD

[Signature]
Principal
Malla Reddy Engineering College
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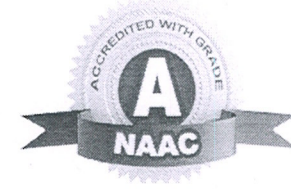


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CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. B.NIKHIL bearing Roll
No. 13J41A0105 has successfully completed Certificate / Value Added
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B.N

COORDINATOR

Rohit

HOD

Ramund

Princip

PRINCIPAL



Principal
Malla Reddy Engineering College
Maisammaguda, Dhulapally,
(Post Via Kompally, Sec 2nd-500100)