



MALLA REDDY ENGINEERING COLLEGE

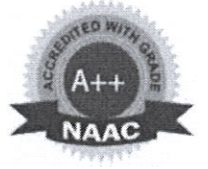
(An UGC Autonomous Institution, Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad).

Accredited by NAAC with 'A++' Grade (Cycle- III), NBA Tier –I Accredited

(B.Tech – CE, EEE, ME, ECE & CSE, M.Tech – CSE, Electrical Power Systems, Thermal Engg.)

IIC – Four Star Rating, NIRF- Innovation Rank Band 101-150,

Maisammaguda(H), Medchal - Malkajiri District, Secunderabad, Telangana State – 500100, www.mrec.ac.in



DEPARTMENT OF CIVIL ENGINEERING

Date:01.03.2023

To

The Principal,
MREC,
Maisammaguda.

Subject: Permission for Organising Value Added Course – Request-Reg.

Respected Sir,

We are planning to organise one week Value Added Course titled “**IMPORTANCE OF SOFTWARE IN CIVIL ENGINEERING**” from 13th March 2023 to 18th March 2023 for the students of III Year Civil Engineering. In this regard, we request your permission to conduct the Value Added Course.

Thanking You

Yours faithfully,


CE-HOD




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



MALLA REDDY ENGINEERING COLLEGE

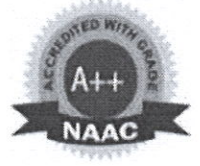
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DEPARTMENT OF CIVIL ENGINEERING

Ref: MREC/CE/VAC/2022-23/06

Date: 09.03.2023


CIRCULAR

The Department of Civil Engineering is organizing value added course on “**Importance of Software in Civil Engineering**” from 13th March 2023 to 18th March 2023. The resource person for the program is Dr.S.Robert Ravi, Professor and Head, Girijanandha Chowdary University, Assam.

All the students must register for the training program by consulting the coordinator Dr.J.Rex, Associate Professor, Department of Civil Engineering. The detailed schedule will be displayed on the department notice board.


HOD-CIVIL




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

Department Vision: To be a premier center of professional education and research, offering quality programs in a socio-economic and ethical ambience.



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DEPARTMENT OF CIVIL ENGINEERING

VALUE ADDED COURSE

on

IMPORTANCE OF SOFTWARE IN CIVIL ENGINEERING

DATE: 18.03.2023 TO 22.03.2023

SCHEDULE

| Sl. No. | Date and Time | Time | Topics |
|---------|---------------|-------------------|---|
| 1. | Monday | 10.00AM to 4.00PM | Discussion on Structural Engineering Software |
| 2. | Tuesday | 10.00AM to 4.00PM | Benefits of Geotechnical Engineering Software |
| 3 | Wednesday | 10.00AM to 4.00PM | Hydraulic Modeling Software's |
| 4 | Thursday | 10.00AM to 4.00PM | Project Management Software's |
| 5 | Friday | 10.00AM to 4.00PM | Design Software and MS Excel Design |
| 6 | Saturday | 10.00AM to 4.00PM | Estimation Software and Detailing Software's |


HOD-CIVIL


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

Advisory Committee:

Chief Patrons: Sri.Ch.Malla Reddy, Minister-
Telangana State-India.
Founder Chairman

Patrons: Malla Reddy Group of Institutions
Sri.Ch.Mahender Reddy
Secretary, MRGI
Dr.Ch.Bhadra Reddy
President, MRGI

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

Convener: Dr.J.Selwyn Babu, HOD/Civil
Coordinator: Dr.J.REX
Associate Professor/Civil

Organizing Committee:

Dr.J.Selwyn Babu, Professor, Civil
Dr.J.Rex, Associate Professor, Civil
Dr.C.Srinivas Gupta, Professor, Civil
Dr. B. Sudharshan Reddy, Professor, Civil
Dr.Sargunan, Assoc. Prof., Civil
Dr.P.Saritha, Associate Professor, Civil
Dr.Selin Ravikumar, Associate Professor, Civil
Mrs.K.Harshada, Assistant Professor, Civil
Mrs.D.V.Tanuja, Assistant Professor, Civil
Mr.B.Vamsi Krishna, Assistant Professor, Civil
Mr.P.Ram Prasanna Kumar Reddy, AP, Civil



*Skill development Course
(Value added Course)*
On
**"IMPORTANCE OF SOFTWARE IN CIVIL
ENGINEERING"**
(13TH MARCH TO 18TH MARCH 2023)



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 (II Cycle)
Maisammaguda(H), Gundlupochampally (V),
Medchal (M), Medchal - Malkajgiri District
Telangana - 500100, India

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

Registration Form:

*Skill development Course
(Value added Course)*
On
**"IMPORTANCE OF SOFTWARE IN
CIVIL ENGINEERING"**
(13TH MARCH TO 18TH MARCH 2023)

- 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, currently Hon'ble Minister, Labor & Employment, Factories, Women and Child Welfare and Skill Development, Govt. of Telangana State. The college is situated in a serene, lush green environment in Maisammaguda, Medchal-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.A.Ramaswami Reddy, Principal, MREC(A) who have a rich teaching and industrial experience.

Vision of the Department:

To establish a center of excellence in Civil Engineering with research and innovative technical skills with ethical ambience.

Mission of the Department:

- To impact quality education and research to undergraduate and postgraduate students in civil Engineering to produce entrepreneurs, professionals, scientists and bureaucrats.
- To impart conceptual and practical education in advanced technologies, keeping in view socio-economic and ethical needs.

- To enhance research and consultancy activities in collaboration with government, public and private sector units.

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 Structural Engineering specialization in 2010 with an intake of 18, 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 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 inter-personal connection.

Topics to be covered:

- ❖ Analysis & Design Civil Engg Softwares
- ❖ Method of Techniques used by software to perform analysis
- ❖ FEM Concept
- ❖ Estimation Softwares
- ❖ Microsoft Excel Design

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:

On successful completion of this course student will be able

- ❖ Use and operate of various civil engineering softwares like STAAD PRO, AUTOCAD, MS EXCEL, PRIMAVERA
- ❖ Apply the knowledge of 3D shapes and See them in Software Virtually.
- ❖ Apply the knowledge of principles and purpose of analysis, design and project management softwares.

| MALLA REDDY ENGINEERING COLLEGE (Autonomous) | | |
|---|-----------------|-----------------------------------|
| DEPARTMENT OF CIVIL ENGINEERING | | |
| STUDENTS REGISTERED LIST FOR "IMPORTANCE OF SOFTWARE IN CIVIL ENGINEERING" | | |
| DATE: 13th March to 18th March 2023 | | |
| S.No. | Roll No. | Name of the student |
| 1 | 20J41A0101 | ALUR VINITH VITHAL |
| 2 | 20J41A0102 | ABHIVARSHITHA CHOWDARY GUDIPATI |
| 3 | 20J41A0103 | AKULA SHIVA |
| 4 | 20J41A0104 | ALWALA VIVEK |
| 5 | 20J41A0105 | AMGOTH HIMAJA |
| 6 | 20J41A0106 | ANTHANNA GARI KARTHIK |
| 7 | 20J41A0107 | ARDHA PRIYANKA |
| 8 | 20J41A0108 | ASHUTOSH RAWAT |
| 9 | 20J41A0109 | ASHWITH PATEL GAJE |
| 10 | 20J41A0110 | AZMEERA SRIRAM |
| 11 | 20J41A0111 | B RADHIKA |
| 12 | 20J41A0114 | BIRADHAR MADHUSUDHAN |
| 13 | 20J41A0115 | BOLLEPOGU MAHENDRA KUMAR |
| 14 | 20J41A0116 | BYRI YASHWANTH |
| 15 | 20J41A0118 | CHINTHIREDDY DEEPIKA |
| 16 | 20J41A0120 | DHARAVATH NARENDAR |
| 17 | 20J41A0122 | ENDURI JAYENDRAKSHAY |
| 18 | 20J41A0123 | GAJULA OMKAR |
| 19 | 20J41A0125 | GUGULOTH BALAJI |
| 20 | 20J41A0126 | GUGULOTHU DIVYA |
| 21 | 20J41A0127 | GUNDETI HARSHITH |
| 22 | 20J41A0128 | INZAMAM UL HAQUE |
| 23 | 20J41A0129 | JAKKULA VAMSHI |
| 24 | 20J41A0131 | K RUPESH YADAV |
| 25 | 20J41A0132 | K VENKATESH |
| 26 | 20J41A0133 | KAMPATI SUMANTH |
| 27 | 20J41A0135 | KONKA BHARATH CHANDRA |
| 28 | 20J41A0136 | LINGANNAGARI NITHIN REDDY |
| 29 | 20J41A0137 | MADDELA MAHESH |
| 30 | 20J41A0138 | MALOTH PRASHANTH |
| 31 | 20J41A0139 | MANDHA SAITEJA |
| 32 | 20J41A0140 | MOHAMMED RAFI UDDIN |
| 33 | 20J41A0141 | MUNNURI SRIKANTH |
| 34 | 20J41A0142 | NAGINENI KARTHIK |
| 35 | 20J41A0143 | NANDIWADA SAI VENKAT |
| 36 | 20J41A0144 | NENAVATH HARSHITHA |
| 37 | 20J41A0145 | PALLAPU GANESH |
| 38 | 20J41A0146 | PITANI NAGA VEERA VENKATA SUDHEER |
| 39 | 20J41A0147 | PRAVEEN SHARMA |
| 40 | 20J41A0149 | RATNELLY ABHIRAM |
| 41 | 20J41A0150 | SAMA AKASH REDDY |
| 42 | 20J41A0151 | SANGA AKHIL YADAV |
| 43 | 20J41A0152 | SIDDANTHAM SIVA |



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| | | |
|----|------------|-----------------------------------|
| 44 | 20J41A0153 | SINGADI VINEETH REDDY |
| 45 | 20J41A0154 | THAIDA PURUSHOTTHAM |
| 46 | 20J41A0155 | THALLAPELTY NITHIN |
| 47 | 20J41A0159 | YERRA NIHANTH |
| 48 | 20J41A0160 | YANNAM JAGADESWARA REDDY |
| 49 | 21J45A0101 | BOMMAGANI ABHINAY |
| 50 | 21J45A0102 | DACHEPALLI UDAY SREE |
| 51 | 21J45A0103 | DEGALA YOGESH KUMAR |
| 52 | 21J45A0104 | G ESHWAR YADAV |
| 53 | 21J45A0105 | GOLLE NANCY |
| 54 | 21J45A0106 | K RAVIKUMAR |
| 55 | 21J45A0107 | KATIKOLA HEMANTH KUMAR |
| 56 | 19J41A01F4 | SAGE VINAY |
| 57 | 20J41A0161 | BANDRA HARISHWAR REDDY |
| 58 | 20J41A0162 | BOMMALA DURGAPRASAD |
| 59 | 20J41A0163 | BOYA MADHUKIRAN |
| 60 | 20J41A0164 | CILAMKOTI JAHNAVI MADHUMITHA |
| 61 | 20J41A0165 | CHINTALACHERUVU PAVAN KUMAR REDDY |
| 62 | 20J41A0166 | DAMARAGIDDA KRISHNA THARUN GOUD |
| 63 | 20J41A0167 | DEVU SREE KUMAR |
| 64 | 20J41A0168 | DHARAVATH RUKMINI |
| 65 | 20J41A0169 | DUMPETI ANVESH |
| 66 | 20J41A0170 | E UDITH |
| 67 | 20J41A0171 | ESUNATHI ADITHYA |
| 68 | 20J41A0172 | G ADHIKYA REDDY |
| 69 | 20J41A0173 | G P SREENIKETH REDDY |
| 70 | 20J41A0174 | GOPAL KRISHIK GOUD |
| 71 | 20J41A0175 | GUMMADI CHANDRASEKHAR |
| 72 | 20J41A0176 | GURRAM PRAVEEN REDDY |
| 73 | 20J41A0177 | HATKAR RAJA |
| 74 | 20J41A0178 | JADAV SANDHYA RANI |
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| 89 | 20J41A0194 | PALLAKONDA PRADEEP |
| 90 | 20J41A0196 | PODISHETTI UDAY KIRAN |
| 91 | 20J41A0197 | POLA JAYANTH ARYAN |


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| 92 | 20J41A0198 | POTHUGANTI PRATHYUSHA |
| 93 | 20J41A0199 | PUTTA AKHIL YADAV |
| 94 | 20J41A01A0 | RAAVI NAVEEN PRASAD |
| 95 | 20J41A01A1 | S TARUN NAYAK |
| 96 | 20J41A01A2 | SIRPA SRINATH |
| 97 | 20J41A01A3 | SRIMAN SAI KRISHNA |
| 98 | 20J41A01A4 | SUDULA SRAVAN KUMAR |
| 99 | 20J41A01A5 | SYED JALEEL PASHA |
| 100 | 20J41A01A6 | T SESHIDHER RAO |
| 101 | 20J41A01A7 | UDUTHA PRASANNA TEJA |
| 102 | 20J41A01A8 | VAKULABHARANAM SATHYANARAYANA SWAMY |
| 103 | 20J41A01A9 | VADLA BHARATH |
| 104 | 20J41A01B0 | VADLAKONDA VARUN |
| 105 | 20J41A01B1 | YARA APIL |
| 106 | 20J41A01B2 | G VAMSHIDHER REDDY |
| 107 | 20J41A01B3 | MARRAPU KARTHIK |
| 108 | 20J41A01B4 | BEERAM SREE KOUSHIK REDDY |
| 109 | 20J41A01B5 | KALA MANIKANTA |
| 110 | 19J41A0161 | ABDUL MUSTAID ALI |
| 111 | 21J45A0108 | KORRA JAGADEESH |
| 112 | 21J45A0109 | MODE SIDDHARTH |
| 113 | 21J45A0110 | MOHAMMED SAYEEDUDDIN |
| 114 | 21J45A0111 | NAGAPURI DEVANDHAR |
| 115 | 21J45A0112 | P SAI BHANU PRAKASH |
| 116 | 21J45A0113 | PITTA RUCHITHA |
| 117 | 21J45A0114 | RATHOD SONALI |
| 118 | 21J45A0115 | REDDY RAGINI |
| 119 | 21J45A0116 | SHAIK KARISHMA |
| 120 | 21J45A0117 | VUTHIPALLI VENKATA SHIVA SAI |


 Principal
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| 90 | 20J41A01A0 | RAAVI NAVEEN PRASAD |
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| 93 | 20J41A01A3 | SRIMAN SAI KRISHNA |
| 94 | 20J41A01A4 | SUDULA SRAVAN KUMAR |
| 95 | 20J41A01A6 | T SESHIDHER RAO |
| 96 | 20J41A01A7 | UDUTHA PRASANNA TEJA |
| 97 | 20J41A01A8 | VAKULABHARANAM SATHYANARAYANA SWAMY |
| 98 | 20J41A01A9 | VADLA BHARATH |
| 99 | 20J41A01B0 | VADLAKONDA VARUN |
| 100 | 20J41A01B1 | YARA APIL |
| 101 | 20J41A01B2 | G VAMSHIDHER REDDY |
| 102 | 20J41A01B3 | MARRAPU KARTHIK |
| 103 | 20J41A01B4 | BEERAM SREE KOUSHIK REDDY |
| 104 | 20J41A01B5 | KALA MANIKANTA |
| 105 | 19J41A0161 | ABDUL MUSTAID ALI |
| 106 | 21J45A0108 | KORRA JAGADEESH |
| 107 | 21J45A0109 | MODE SIDDHARTH |
| 108 | 21J45A0110 | MOHAMMED SAYEEDUDDIN |
| 109 | 21J45A0111 | NAGAPURI DEVANDHAR |
| 110 | 21J45A0112 | P SAI BHANU PRAKASH |
| 111 | 21J45A0113 | PITTA RUCHITHA |
| 112 | 21J45A0114 | RATHOD SONALI |
| 113 | 21J45A0115 | REDDY RAGINI |
| 114 | 21J45A0116 | SHAIK KARISHMA |
| 115 | 21J45A0117 | VUTHIPALLI VENKATA SHIVA SAI |


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Maisammaguda, Dhulapally,
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IIC – Four Star Rating, NIRF- Innovation Rank Band 101-150,

Maisammaguda(H), Medchal - Malkajgiri District, Secunderabad, Telangana State – 500100, www.mrec.ac.in



DEPARTMENT OF CIVIL ENGINEERING

REPORT ON

IMPORTANCE OF SOFTWARE IN CIVIL ENGINEERING

Conducted from 18.03.2023 TO 22.03.2023

Resource Person: Dr.S.Robert Ravi, Professor and Head, Civil Department, Girijanandha Chowdary University, Assam

Department Coordinator: : Dr.J.Rex, Associate Professor, Civil Dept. MREC.

Software has become indispensable in civil engineering, revolutionizing every facet of the discipline from design to construction and management. In structural engineering, sophisticated analysis and design software like SAP2000 and ETABS enable engineers to model intricate structures with precision, optimizing for safety and efficiency. Geotechnical software such as PLAXIS facilitates complex soil-structure interaction analyses, crucial for foundation design and slope stability assessment. Civil engineering design software like AutoCAD Civil 3D streamlines site development, road design, and grading tasks, while hydraulic modeling software such as EPANET aids in water distribution system design and flood risk assessment. Project management software such as Primavera P6 enhances project planning, scheduling, and resource allocation, ensuring timely and cost-effective project delivery. Moreover, the adoption of Building Information Modeling (BIM) software fosters collaboration and coordination among project stakeholders, reducing conflicts and errors during construction. In essence, software has become the backbone of civil engineering, driving efficiency, innovation, and sustainability in infrastructure development.

Coordinator

HOD-CIVIL

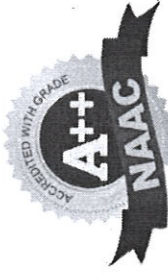
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CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. AZMEERA SRIRAMKHAN bearing Roll

No. 20J41A0110 has successfully completed Certificate / Value Added Course

/ Workshop in IMPORTANCE OF SOFTWARE IN CIVIL ENGINEERING conducted by the

Department of Civil Engineering from 13-03-23 TO 18-03-23

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Malla Reddy Engineering College
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CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. POTHUGANTI PRATHYUSHA bearing Roll

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