



MALLA REDDY ENGINEERING COLLEGE (AUTONOMOUS)
(An UGC Autonomous Institution, Affiliated to JNTUH, Hyderabad 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-Malkajgiri District, Secunderabad,
Telangana State – 500100
www.mrec.ac.in

Department of Computer Science and Engineering

CIRCULAR

Date: 06/02/2016

All the students are hereby informed that Value Added Course on “OOPS Through Java” on dated 15th Feb 2016 to 22nd March 2016, is being organized by the Computer Science and Engineering department. The resource person for the course is “Mr.P VenkatReddy, Software Architect, Capgemini”.

Students are advised to register their names to the programme coordinator “Mr. S Ajay Kumar, Assistant Professor, CSE”, on or before 12/02/2016 and utilize this opportunity to enhance their skills by attending the programme.

The detailed schedule of the programme will be displayed in the notice board.

M. S. Ajay Kumar
Head of the Department

Copy to:

- 1) Circulation in Students classroom
- 2) All HOD's
- 3) Notice Boards
- 4) PA to principal for filing.



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

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 and 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, Gundlapochampally, Medchal (M), 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. The college caters to wide ranging aspirations and goals of student communities by offering new courses in UG courses provides PG courses and MBA 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. S. Sudhakara Reddy, Principal, MREC (A)** who have a rich teaching and industrial experience.



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.S. Sudhakara Reddy
Principal, MREC (A)

Convener: Dr. Md. Masthan
HOD CSE

Coordinator: Mr. S. Ajay Kumar
Assistant Professor, CSE

Resource Person: Mr.P Venkat Reddy,
Software Architect, Capgemini.

Organizing Committee:

Dr. R P Ramkumar, Professor, CSE

Dr. S. Dhanalakshmi, Professor, CSE

Mr. Sanjeeva Polepaka, Associate Professor, CSE

Mr. P.V.Ramana Murthy, Assistant Professor, CSE

Ms. S. Sandhya Ran, Assistant Professor, CSE

Mr.Md. Inayathulla, Assistant Professor, CSE

Mr.A.Lakshman, Assistant Professor, CSE

Mr.Yarava Rakesh Kumar, Assistant Professor, CSE

Mrs.G. Vamshi Krishna, Assistant Professor, CSE

Ramkumar
Principal
Malla Reddy Engineering College
Maisammaguda, Dhutapally,
(Post Via Kompally), Sec'bad-500100



*A One-Month Skill development Course
(Value added Course)*

On

"OOPS through Java"

(15th February 2016 to 22nd March 2016)

(4:30 p.m. to 5:30 p.m.)



*Organized by
Department of*

**Computer Science and 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), Gundlapochampally (V),
Medchal (M), Medchal - Malkajgiri District
Telangana - 500100, India.**

Registration Form

Name of the Participant :-----

Branch & Year :-----

Name of Institution:-----

Address for Communication:-----

Mobile Number:-----

E-Mail ID:-----

DECLARATION:

The information furnished above is true to the best of my Knowledge.

Place:

Date:

Signature of Applicant

About the Department

The Department of CSE was started in the year 2005 with a vision of imparting high-quality education to suite the global standards in Computer science and Engineering. The department has got highly qualified & committed faculty members supported by dedicated technical staff.

The department has its own library and sophisticated laboratories not only to suite curriculum requirements but also to serve research needs such as Computer Networks, Data Mining, Software Engineering, Image processing & Cloud Computing. Workshops, software simulation etc.

The department formed CSI and ISTE student branch for the benefit of students and faculty by conducting technical Conferences, workshops, FDPs and Guest lectures.

Overview of the Programme

This course of study builds on the skills gained by students in Java Fundamentals or Java Foundations to help advance Java programming skills. Students will design object-oriented applications with Java and will create Java programs using hands-on, engaging activities.

Objectives of the Programme

During the Python Programming course, administered by the undersigned instructor, the student was able to proficiently:

- Introduce the concept of Object Oriented Programming and its features.
- Write object-oriented codes in Java.
- Database manipulations using Java

Topics to be covered

- Fundamentals of Java programming
- Basics of Variables statements and expressions.
- Methods and classes and objects.
- Strings, interfaces constructors, Exception handling and multi-threading.
- Object oriented programming concepts.

Certificate

After successful completion of the course the certificates shall be issued to the participants.

Outcome of the program,

On completion of this course, participants will be able to equip with all the skills required to match their expectations.



Raveesh
Principal
Malla Reddy Engineering College
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Maisammaguda (H), Medchal-Malkajgiri District, Secunderabad, Telangana State

500100

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VAC OOPS THROUGH JAVA SYLLABUS

1. Features of Java, Byte Code and Java Virtual Machine, JDK, Data types, Operator,
2. Control Statements – If , else, Switch, loop statements, Class, Object, Object reference, Constructor, Constructor Overloading,
3. Method Overloading, Recursion, Passing and Returning object form Method, new operator, this and static keyword, finalize() method.
4. Use of Inheritance, Inheriting Data members and Methods, constructor, method overriding, – super keyword, Inheritance - Final keywords, Creation and Implementation of an interface, Interface reference.
5. Use of Package, CLASSPATH, import statement, Static import, Access control, Exception and Error, Use of try, catch, throw, throws and finally, Built in Exception, Custom exception, Throwable Class.
6. Single and Multidimensional Array, String class, StringBuffer class, Operations on string, Command line argument, Use of Wrapper Class. List, Vector, Properties, Introduction to Java.util package
7. Use of Multithread programming,
8. Thread class and Runnable interface , Thread priority, Thread synchronization, Thread communication, Deadlock, InetAddressclass,Socket class,
9. DatagramSocket class, DatagramPacketclass,Remote Method Invocation.
10. Introduction to Stream, Byte Stream, Character stream, Readers and Writers, File Class, File InputStream, File Output Stream, InputStreamReader, OutputStreamWriter, FileReader, FileWriter, Buffered Reader.
11. JDBC: performing insert, update, & search operations using JDBC,
12. GUI programming using Swings, Event handling, using basic swing controls, Introduction to NetBeans IDE.



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

Department: CSE

**Course Name: OOPS
TROUGH JAVA**

Date:15/02/2016-22/03/2016

**Value Added Courses
List of Students enrolled and completed**

Sl.No	Roll No	Name of the students	Year/Semester
1	12J41A05A9	S SAI KIRAN	III/II
2	12J41A05B0	SOMANCHI SAI ANIRUDH	III/II
3	12J41A05B1	SURNIGANTI VENKATESH USHASHRI	III/II
4	12J41A05B2	UDAY KUMAR BYRAM	III/II
5	12J41A05B3	UNDRAJAVARAPU DIVYA	III/II
6	12J41A05B4	V DEEPESH	III/II
7	12J41A05B5	VALLABHANENI HARIPRIYA	III/II
8	12J41A05B6	VATTIKULA SOUNDARYA	III/II
9	12J41A05B8	YADANDLA KOMALA	III/II
10	12J41A05B9	YANAPU LIKHITH SRIHARSHA	III/II
11	12J41A05C0	M PRUDHVI RAJ	III/II
12	13J45A0507	THUMMALURU PRAVEENKUMAR REDDY	III/II
13	13J45A0508	JANGAM CHANDRA SEKHARA REDDY	III/II
14	13J45A0510	PASAM NAGINI	III/II
15	13J45A0511	JAMALLAMUDI PRASANNA KUMAR	III/II
16	13J45A0512	NAINI ANIL KUMAR	III/II
17	12J41A05C1	ALWALA LAXMINARAYANA KIRAN BABU	III/II
18	12J41A05C2	ANANTHA DIVYA	III/II
19	12J41A05C3	ANGANNAGARI SOHAN REDDY	III/II
20	12J41A05C4	ASHISH LACHURIA	III/II
21	12J41A05C5	BALAGONI SRAVANI	III/II
22	12J41A05D1	DEVAKANTH KALAPATI	III/II
23	12J41A05D2	DUBBUDU RAHUL REDDY	III/II
24	12J41A05D3	ECHAPURAM ADITYA RAJKUMAR	III/II
25	12J41A05D4	EPPA BHARGAV SAI	III/II
26	12J41A05D5	GIRNI SHYAM SUNDER RAJU	III/II
27	12J41A05D6	GOTTAPU VENU MADHAVI	III/II
28	12J41A05D7	GUNDUMALLA SIREESHA	III/II
29	12J41A05D8	J SRIKANTH	III/II
30	12J41A05D9	J VENKATESH NAIK	III/II
31	12J41A05E1	KANCHARLA DINESH REDDY	III/II



Ravich
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Post Via Kompally, Secbad-500100

32	12J41A05E2	KASARAMONI MALLESH	III/II
33	12J41A05E3	KHIRSARYA DHAVAL PATEL	III/II
34	12J41A05E5	KONDA HARISH KUMAR	III/II
35	12J41A05E6	KORADA PRIYANKA	III/II
36	12J41A05E7	KOTRIKE PAUL BENHUR	III/II
37	12J41A05E8	M SAI JAGDISH PRASAD	III/II
38	12J41A05K0	EPPALAGUDEM SAI LAXMAN	III/II
39	12J41A05K1	G NAVYA	III/II
40	12J41A05P9	YERROLLA SURESH	III/II
41	12J41A05Q0	KOTA SRIKANTH REDDY	III/II
42	13J45A0519	MALKANOORU MAHENDER	III/II
43	13J45A0520	KADALI DURGAPRASAD	III/II
44	13J45A0521	DONDAPATI JOSEPHSAMUEL RAJU	III/II
45	14J41A0510	CHIRUVOLU REVANTH RUMAR	III/II
46	14J41A0511	CH VIJAY KANTH REDDY	III/II
47	11J41A0514	B.RAHUL	III/II
48	11J41A0590	RATHOD ANIL	III/II
49	12J41A0561	AAKASH PAL	III/II



Raush
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VAC OOPS THRU JAVASUMMARY

22.03.2016

The objective of the course is to make students understand and use the concept of object oriented programming using JAVA and hence it is conducted as a valued added course as per the interests of the students career.

The course is conducted from 15th Feb 2016 to 22nd March 2016 after college hours so as not to disturb the regular class work. And there is very good response from the students.

Many people probably heard a lot of talk about object-oriented programming. And, if the Java programming language is your first experience with an object-oriented language, you are probably wondering what all the talk is about.

one of the great things about the Java programming language is inherently object oriented. The sessions covered how to develop efficient and robust applications by using the Java programming language

To help gain a deeper understanding of object-oriented programming and its benefits, this course presented a very good overview of object-oriented concepts and terminology.

Some of the important topics taught during the course are:

1. Java Fundamentals
2. Classes, Objects, Methods
3. Inheritance
4. Packages and Interfaces
5. Exception Handling
6. Using I/O
7. Multithreaded Programming
8. Introducing Swing

The practical exposure has given the students lot of confidence in programming skills and uplifted their learning desire. By the end of the sessions, the students are able know the difference between object oriented programming versus structured programming.

As it is funny to say that there are hardly any professional who does not know the importance of JAVA. The very objective of conducting JAVA course has been fulfilled. The certificates are given to the eligible students at the end of course.



Ravish
Principal
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(P.O. Maisammaguda, Dhulapally,
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VAC OPPS THROUGH JAVA



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. UDAY KUMAR BYRAM bearing Roll No. 12J41A05B2 has successfully completed Certificate / Value Added Course / Workshop in OOPS TROUGH JAVA conducted by the Department of Computer Science and Engineering from 15th February 2016 to 22nd February 2016.

Ajay Kumar
COORDINATOR



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

Maisamani
HOD

ju
PRINCIPAL



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. ANANTHA DIVYA bearing Roll No. 12J41A05C2 has successfully completed Certificate / Value Added Course / Workshop in OOPS TROUGH JAVA conducted by the Department of Computer Science and Engineering from 15th February 2016 to 22nd February 2016.

S. Arif Fumar
COORDINATOR



Renuka
Principal
Malla Reddy Engineering College
Maisammaguda, Dhulapally,
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Masafan
HOD

Sum
PRINCIPAL



MALLA REDDY ENGINEERING COLLEGE

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. G NAVYA bearing Roll No. 12J41A05K1 has successfully completed Certificate / Value Added Course / Workshop in OOPS TROUGH JAVA conducted by the Department of Computer Science and Engineering from 15th February 2016 to 22nd February 2016.

F. Arif Qureshi
COORDINATOR

Ravinder

Manjani
HOD

ju
PRINCIPAL



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. AAKASH PAL bearing Roll No. 12J41A0561 has successfully completed Certificate / Value Added Course / Workshop in OOPS TROUGH JAVA conducted by the Department of Computer Science and Engineering from 15th February 2016 to 22nd February 2016.

S. Arjun Kumar
COORDINATOR



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

Manjani
HOD

jin
PRINCIPAL



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms KADALI DURGAPRASAD bearing Roll No. 13J41A0520 has successfully completed Certificate / Value Added Course / Workshop in OOPS TROUGH JAVA conducted by the Department of Computer Science and Engineering from 15th February 2016 to 22nd February 2016.

S. Abey Kumar
COORDINATOR

Ramesh
Principal
Malla Reddy Engineering College
Maisammaguda, Dhulapally,
(Post Via Kompally), Sec'bad-500100
Malafani
HOD

Jm
PRINCIPAL