

ADVANCED JAVA



MALLAREDDY ENGINEERING COLLEGE

(Autonomous)

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


CIRCULAR

Date: 15/08/2020

All the 3rd/I Year/Sem students are hereby informed that the Malla Reddy Engineering College (Autonomous) is planning to organize Value Added Courses like Remote Controlled Robotics, Multimedia - 2D & 3D Basic Animations, Green Matte Studio - Audio Effects/Transitions, Software's related to 3D Printing Selection of proper 3D Printing, Advanced JAVA in Centre Of Excellence. In this regard Interested students are hereby directed to register for these Courses online or before 20/08/2020. For further details, please contact Centre of Excellence, MREC(A)

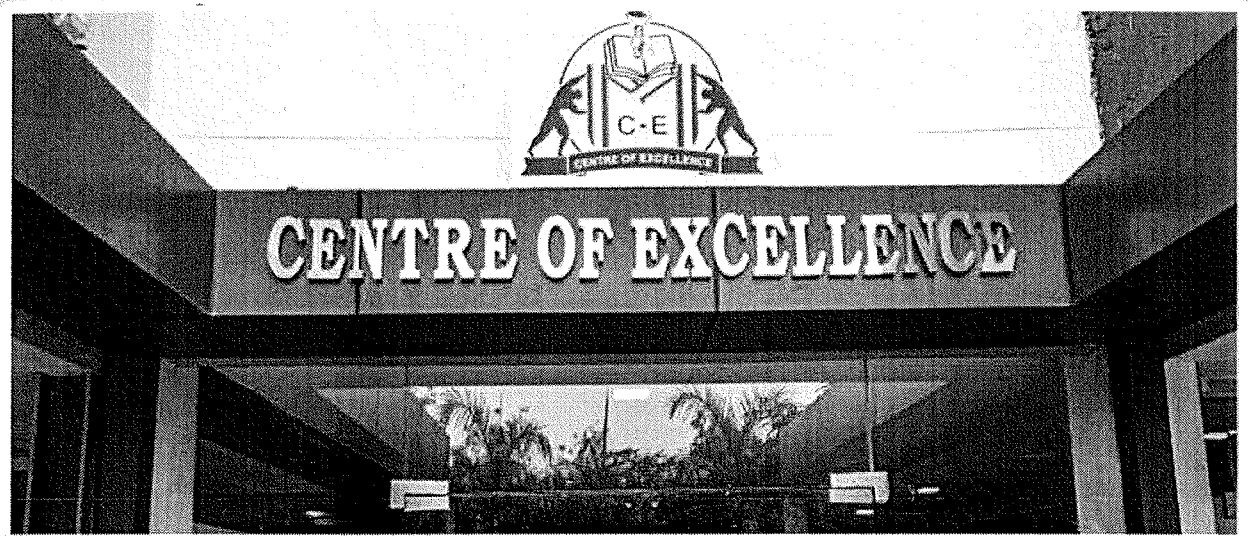
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2. To be displayed in all notice board
3. Controller of Examination
4. Confidential Section Exam Branch
5. Group Admin Officer
6. Library
7. Physical Director-for necessary action
8. Security Officer-for necessary action
9. Transport Manager-for necessary action
10. TEQIP Coordinator & Academic Cell
11. Admin Office
12. System Admin
13. Placement Cell
14. PA to Principal for Filing


Principal
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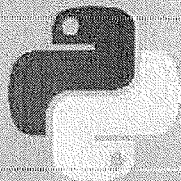
MALLA REDDY ENGINEERING COLLEGE
MAIN CAMPUS, AUTONOMOUS INSTITUTION
Maisammaguda, Dhulapally (Post) via Kompally,
Secunderabad-500100Medchal - Malkajgiri District Telangana, India



COMPUTER SOFTWARE

**HTML ,PYTHON WITH DJANGO ,JAVA ,
SCRATCH PROGRAMMING**

**LAB VIEW, FOUNDATION OF BLOCK CHAIN,
MATLAB, BLOCK CHAIN REVOLUTION, MATLAB PRO,
ADVANCE JAVA, ADVANCE PYTHON.**



python




Java

Course Duration -: 4 Months

Before Software can be Reusable

it First has to be Usable.

| | |
|---|---|
|  | <p align="center">MALLA REDDY ENGINEERING COLLEGE (Autonomous) CENTRE OF EXCELLENCE</p> |
| <p align="center">Advanced Java</p> | |

Course Code: CFEC01

Duration:30Hours

Course Objective: Java's unique architecture enables programmers to develop a single application that can run across multiple platforms seamlessly and reliably. In course, students gain extensive experience with Java and its object-oriented features

Syllabus

UNIT-I:

6Hours

GUI Programming and Designing Graphical User Interfaces in Java

Components and Containers Basics of Components Using Containers Layout Managers and userdefined layout. BorderLayout , FlowLayout , GridLayout , GridBagLayout, BoxLayout.

UNIT-II:

6Hours

AWT Components Adding a Menu to Window Extending GUI Features Using SWING Components Designing GUI using Netbeans. Advanced swing components like JProgressbar , JSlider, JRadioButton ,JTree, JTable, JToggleButton, etc.

Event Handling Event-Driven Programming in Java

UNIT-III:

6Hours

Event- Handling Process with AWT. Working with Listeners Event-Handling Mechanism with SWING. Event Classes and itsmethods. Adapter Classes as Helper Classes in Event Handling Applet with Event-Handling

UNIT-IV:

6Hours

Database Programming using JDBC

Introduction to JDBC Steps to connect to the database JDBC Drivers & Architecture Types of JDBC Drivers. Connectivity withOracle Connectivity with MySQL

UNIT-V:

6Hours

Networking Programming

Process and Networking Basics Client-Server Architecture. InetAddress class Communicate between two processes in single or different system. Two way communication Socket Overview Networking Classes and Interfaces Network Protocols Read and write operation between client and server. PrintWriter and BufferedReader class for read and write operation. Developing

Networking Applications in Java Developing a chatting application.

Course Outcomes:

Students learn to create and GUI applications and store and retrieve data from relational databases, Event Handling Event-Driven Programming in Java and network programming.


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Medchal Mandal, Medchal-Malkajgiri District,
Telangana State - 500100

Course:Advanced
Java
Date:17/08/2020 to
28/01/2021

Registered Students

| SL.No | Roll No | NAME | BRANCH |
|-------|------------|----------------------------------|--------|
| 1. | 18141A0133 | ABHISHEK LAKKAKULA | CE |
| 2. | 18141A0134 | L.RAMU | CE |
| 3. | 18141A0135 | M. AASHRITHA | CE |
| 4. | 18141A0136 | MAKTHALA PRUDHVI RAJ GOUD | CE |
| 5. | 18J41A0137 | M.DIVYA TEJA | CE |
| 6. | 18141A0138 | MOHAMMAD SAJID | CE |
| 7. | 18J41A0139 | MOHD BILAL SUFIYAN | CE |
| 8. | 18J41A0140 | M. NAVEEN NAIK | CE |
| 9. | 18141A1235 | NEMMANI AKHILESH | IT |
| 10. | 18341A1236 | NETHIKUNTA SRUSHTIKA | IT |
| 11. | 18J41A1237 | NISSANKARA TARAKA RAMCHAND | IT |
| 12. | 18J41A1238 | P SNEHA MITHRA | IT |
| 13. | 18341A1239 | PALADI VAISHNAVI | IT |
| 14. | 18141A1240 | PARSI NITHYA SRI | IT |
| 15. | 18141A1241 | PASHAM NARAYAN ROHITH REDDY | IT |
| 16. | 18J41A1242 | PATHLAVATH SRINU | IT |
| 17. | 18141A0239 | MYAKALA SHEKAR | EEE |
| 18. | 18J41A0241 | NENAVATH AKHIL SAI | EEE |
| 19. | 18J41A0242 | N.H.Y.VAMSHI | EEE |
| 20. | 18141A0244 | GURU PRAVEEN REDDY | EEE |
| 21. | 18141A0245 | THRILOKA RAJU | EEE |
| 22. | 18J41A0246 | PUPPALA NAVEEN | EEE |
| 23. | 18141A0247 | PUTTALA ANKITHA | EEE |
| 24. | 18141A0248 | RAG HEMANTH ADI DURGA PHANEENDRA | EEE |
| 25. | 18141A0249 | R.KEERTHI REDDY | EEE |
| 26. | 18141A0334 | MOHAMMED AMER | ME |
| 27. | 18/41A0335 | MUDAVATH AKASH | ME |
| 28. | 18141A0336 | MULLAGIRI SUDHESHNA | ME |
| 29. | 18141A0337 | MUSIPATLA PRANITH | ME |
| 30. | 18141A0338 | MUTYALA SAI ROHITH | ME |
| 31. | 18141A0339 | N GOPI SAINATH | ME |
| 32. | 18141A0340 | NANDAM HARSHITH RAMU | ME |
| 33. | 18141A0342 | PAPATLA WILLIAM CAREY | ME |
| 34. | 18141A0438 | NELLURI SAI BHARGAV | ECE |
| 35. | 18141A0439 | NOSSAM VENKATA YASWANTH REDDY | ECE |
| 36. | 18141A0440 | PATHURI SHAIK AZARUDDIN. | ECE |
| 37. | 18J41A0441 | PINNINTI BHUVANACHANDRA | ECE |
| 38. | 18J41A0442 | PONNAVENI CHANDRASHEKAR | ECE |
| 39. | 18141A0443 | PULLA AJAY | ECE |
| 40. | 18J41A0444 | R BHANU CHANDRA REDDY | ECE |

| | | | |
|-----|------------|---------------------------------|--------|
| 41. | 18J41A0445 | RAVULA SAITEJA | ECE |
| 42. | 18J41A0446 | RIKESH.TIRUMANI | ECE |
| 43. | 18J41A2510 | CHANTI VENKATESH | MINING |
| 44. | 18141A2511 | CHINTALAPUDI SAI PRUDHVI | MINING |
| 45. | 18141A2512 | CHITTALURI SANDEEP KUMAR | MINING |
| 46. | 18J41A2513 | DESIREDDY MANOJ KUMAR REDDY | MINING |
| 47. | 18J41A2514 | DHARAMSOTH SRIKANTH | MINING |
| 48. | 18J41A2515 | DOODA SIDHU SRIVAS | MINING |
| 49. | 18J41A2516 | GITTHA ARAVIND | MINING |
| 50. | 18J41A2517 | GUDDETI SAI RAM | MINING |
| 51. | 18J41A0538 | NIMMAGADDA SRI HARSHA CHAITANYA | CSE |
| 52. | 18J41A0539 | OMKAR BIDARKAR | CSE |
| 53. | 18J41A0540 | P SAI ABHIJAT | CSE |
| 54. | 18J41A0541 | PEDDI SUNAYANI | CSE |
| 55. | 18J41A0542 | PENDRU MEGHANA REDDY | CSE |
| 56. | 18J41A0543 | PODISHETTI PAVAN | CSE |
| 57. | 18J41A0544 | POLISETTY SHRUTHI | CSE |
| 58. | 18141A0545 | PULLAKHANDAM APARNA | CSE |
| 59. | 18J41A0546 | RASAKONDA ADVETHA | CSE |
| 60. | 18J41A0547 | RAVULA TEJA SRI | CSE |



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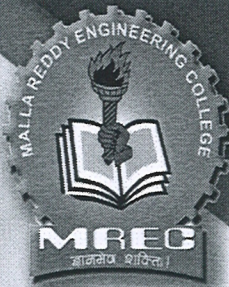
Makthala prudhvi raj goud

*has Sucessfully Completed Advanced Java
Course offered by Centre of Excellence,
MREC(A) on 28/01/2021 bearing with
Roll No. 18J41A0136 and Branch CE.*

**N. RISHIKANTH
DEAN (COE)**

**Dr.A.Ravendra
Principal**

Ravend
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This is to Certify that

PARSI NITHYA SRI

*has Sucessfully Completed Advanced Java
Course offered by Centre of Excellence,
MREC(A) on 28/01/2021 bearing with
Roll No. 18J41A1240 and Branch IT.*

**N. RISHIKANTH
DEAN (COE)**

**Dr.A.Ravendra
Principal**


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This is to Certify that

MOHAMMED AMER

*has Sucessfully Completed Advanced Java
Course offered by Centre of Excellence,
MREC(A) on 28/01/2021 bearing with
Roll No. 18J41A0334 and Branch ME.*

**N. RISHIKANTH
DEAN (COE)**

**Dr.A.Ravendra
Principal**

Ravend
PRINCIPAL
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Maisammaguda, Dhulapally,
100101 (Dist. Vikarabad), Sec'bad-500 100



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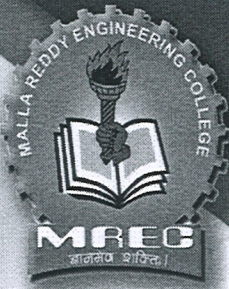
Pinninti Bhuvanachandra

*has Successfully Completed Advanced Java
Course offered by Centre of Excellence,
MREC(A) on 28/01/2021 bearing with
Roll No. 18J41A0441 and Branch ECE.*

**N. RISHIKANTH
DEAN (COE)**

**Dr. A. Ravendra
Principal**

Ravend
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This is to Certify that

PULLAKHANDAM APARNA

*has Sucessfully Completed Advanced Java
Course offered by Centre of Excellence,
MREC(A) on 28/01/2021 bearing with
Roll No. 18J41A0545 and Branch CSE.*

**N. RISHIKANTH
DEAN (COE)**

**Dr. A. Ravendra
Principal**

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