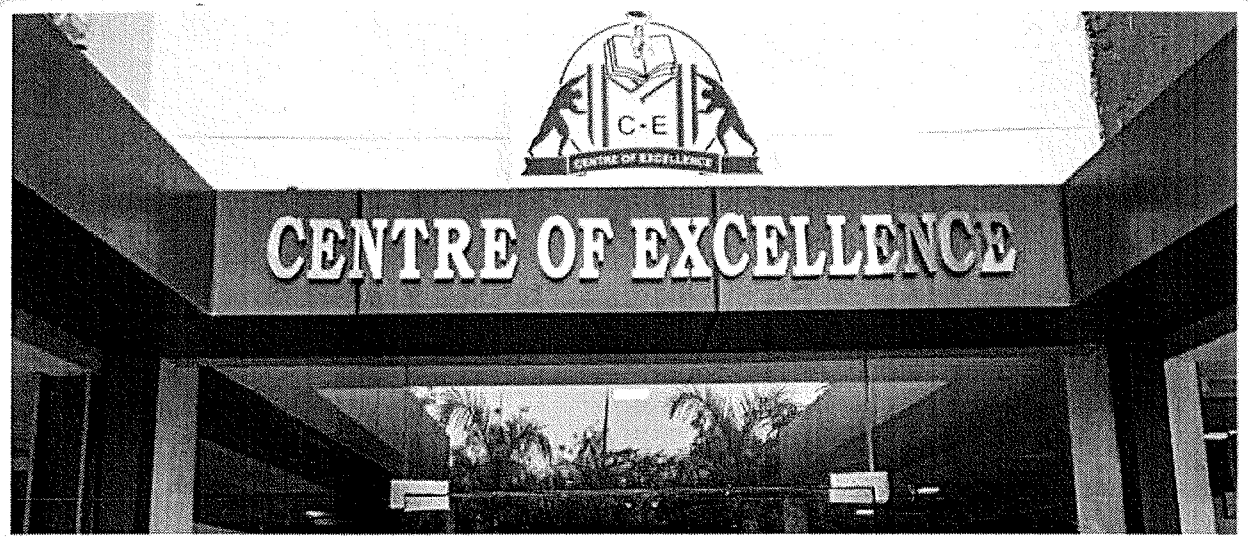


SCRACH PROGRAMMING



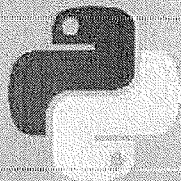
MALLA REDDY ENGINEERING COLLEGE
MAIN CAMPUS, AUTONOMOUS INSTITUTION
Maisammaguda, Dhulapally (Post) via Kompally,
Secunderabad-500100 Medchal - Malkajgiri District Telangana, India



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.



MALLA REDDY ENGINEERING COLLEGE

(Autonomous)

CENTRE OF EXCELLENCE

Scratch Programming

Course Code:

Duration:32 Hours

Course Objective: In this course students get the knowledge about how design the program using algorithm, pseudocode and draw the flow charts and know the flow of data from one step to next step using different tools.

Syllabus

UNIT-I

8Hours

Computer basics

Knowing computer: What is Computer, Basic Applications of Computer; Components of Computer System, Keyboard and Mouse, Other input/output Devices, Computer Memory, Concepts of Hardware and Software; Concept of Computing, Data and Information;

UNIT-II

8Hours

Algorithms and Pseudocode

Definition, Notation of Algorithm, rules for generating algorithms, Significance of Algorithms, Variables, rules for variables, Simple mathematical problems, if condition, for loop, while loop, Examples

UNIT-III

8Hours

Flow charts

What is a Flowchart? Flowchart Symbol, Flowchart examples,

UNIT-IV

8Hours


Raptor Tool

What is Raptor tool? Key features of RAPTOR, Flowchart Symbols in Raptor, Simple Mathematics problems, Examples, if condition, for loop, while loop, Examples

Course Outcomes; Learn about programming languages such as Java, C, C++, Python and PHP. Study object-oriented analysis and design, operating systems and coding in integrated environments, and learn how to debug, test, and maintain codes.

Graduates may also find opportunities in database design and database administration

Review
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(Autonomous)
Maisamma guda, Dhulapally,
(Post Via Kompally), Sec'bad-500 100

	MALLA REDDY ENGINEERING COLLEGE (Autonomous) Maisammaguda(H), Gundlapochampally Village, Medchal Mandal, Medchal-Malkajgiri District, Telangana State - 500100	Course:SCRACH PROGRAMMING Date:07/12/2020 to 31/03/2021
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Registered Students

SL.No	Roll No	NAME	BRANCH	COURSE COMPLETED
1.	20J41A0120	DHARAVATH NARENDAR	CE	YES
2.	20J41A0118	CHINTHIREDDY DEEPIKA	CE	YES
3.	20J41A0117	CHILUGURAJU PREM SAI SIDDHAARTHA	CE	YES
4.	20J41A0216	GADDE SAI UMA CHOWDARY	EEE	YES
5.	20J41A0217	GADILOLA KEERTHI REDDY	EEE	YES
6.	20J41A0219	GOLLA VINESH	EEE	YES
7.	20J41A0315	DOLUKA MANOHER	ME	YES
8.	20J41A0316	DUDEKULA KAMAL	ME	YES
9.	20J41A0317	DUNNA SAI KUMAR	ME	YES
10.	20J41A0418	D SAMPATH REDDY	ECE	YES
11.	20J41A0419	DONGALA GOPIRAJU	ECE	YES
12.	20J41A0420	EMMADI GANESH REDDY	ECE	YES
13.	20J41A1217	GANDLA UMA RANI	IT	YES
14.	20J41A1220	KOPPINENI CHARAN RAHUL	IT	YES
15.	20J41A1218	GUGULOTH SRIKANTH	IT	NO
16.	20J41A0516	CHINTAWAR VAMSHIKA	CSE	YES
17.	20J41A0517	D EMMANUEL JOHN	CSE	YES
18.	20J41A0519	DARSE SHIKARI VASUDEV	CSE	YES
19.	20J41A6617	DASARI SAIPRANAV	AIML	YES
20.	20J41A6618	DUSSA VIGNAN SAI RAM	AIML	YES
21.	20J41A6619	ENJAM ABHIRAM REDDY	AIML	YES
22.	20J41A6221	GUNDI VENKATA SAIRAMA KRISHNA	CS	YES
23.	20J41A6222	HADAPPAD MAHESH	CS	YES
24.	20J41A6223	J KUSUMA	CS	YES
25.	20J41A6718	GAJENDAR TIWARI	DS	YES
26.	20J41A6717	GAJAWADA SHASHANK	DS	YES
27.	20J41A6721	GOTTAM MANOHAR REDDY	DS	YES
28.	20J41A6918	K KARTHIKEYA	IOT	YES
29.	20J41A6916	CHENGHA JHANSI	IOT	YES
30.	20J41A6921	KOMPALA USHA NIKITHA	IOT	YES
31.	20J41A6952	TANNIRU LAVANYA	IOT	YES
32.	20J41A6960	SOMA SWARNA	IOT	YES
33.	20J41A6954	VYTLA NIVRITI	IOT	YES
34.	20J41A6955	VYTLA SRI SATYA HARSHITH	IOT	YES
35.	20J41A6958	GORETI SRUTHI	IOT	YES
36.	20J41A6957	BUGATA VIJAY REDDY	IOT	YES
37.	20J41A6959	MEDISHETTI KRISHNA SAI	IOT	YES
38.	20J41A6748	POGULA RAHUL	CSE-DS	YES
39.	20J41A6756	TALARI NITHISH KUMAR	CSE-DS	YES
40.	20J41A6750	PUTTA SRINATH	CSE-DS	YES
41.	20J41A6754	SIDDAMSHETTY SRI VYSHNAVI	CSE-DS	NO
42.	20J41A6752	SAIRI MURALIDHAR	CSE-DS	YES

43.	20J41A6755	THUMMALAPELLI SANTHOSH	CSE-DS	YES
44.	20J41A6754	SAMUDRALA SRINATH	ME	YES
45.	20J41A6755	SANA MUNEER	ME	YES
46.	20J41A6756	SANGANNAGARI SATWIK	ME	YES
47.	20J41A6710	CHERLA SREE HARSHITHA	CSE-DS	YES
48.	20J41A6711	CHITYALA VINAY	CSE-DS	YES
49.	20J41A6718	GAJENDAR TIWARI	CSE-DS	YES
50.	20J41A6713	GOGINENI HARSHA VARDHINI	CSE-DS	YES
51.	20J41A6716	GADDE RUTHVIK	CSE-DS	YES
52.	20J41A6715	GOLIPALLY SANDEEP REDDY	CSE-DS	YES
53.	20J41A6222	HADAPPAD MAHESH	CSE-CS	YES
54.	20J41A6229	MANNE CHARM	CSE-CS	YES
55.	20J41A6224	JAMPULA SAI PRANEETH	CSE-CS	YES
56.	20J41A6228	KUSNAM AKASH REDDY	CSE-CS	YES
57.	20J41A6226	KETHI SIRI REDDY	CSE-CS	YES
58.	20J41A04G5	POLOJU NITHIN	ECE	YES
59.	20J41A04H3	SHAIK MAQSOOD	ECE	YES
60.	20J41A04E4	KORIVI LIKHITH	ECE	NO

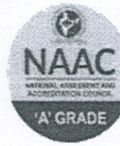
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MALLA REDDY ENGINEERING COLLEGE

MAIN CAMPUS AUTONOMOUS INSTITUTION



CERTIFICATE

OF COURSE COMPLETION

This is to Certify that

DHARAVATH NARENDAR

*has Successfully Completed Scrach Programming
Course offered by Centre of Excellence, MREC(A)*

on 31/03/2021 *bearing with*
Roll No. 20J41A0120 *and Branch* CE.

**N. RISHIKANTH
DEAN (COE)**

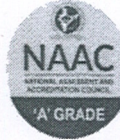
**Dr. A. Ravendra
Principal**

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



MALLA REDDY ENGINEERING COLLEGE

MAIN CAMPUS AUTONOMOUS INSTITUTION



CERTIFICATE

OF COURSE COMPLETION

This is to Certify that

ENJAM ABHIRAM REDDY

*has Successfully Completed Scrach Programming
Course offered by Centre of Excellence, MREC(A)*

on 31/03/2021 *bearing with*
Roll No. 20J41A6619 *and Branch* AIML.

**N. RISHIKANTH
DEAN (COE)**

**Dr.A.Ravendra
Principal**

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



MALLA REDDY ENGINEERING COLLEGE

MAIN CAMPUS AUTONOMOUS INSTITUTION



CERTIFICATE

OF COURSE COMPLETION

This is to Certify that

K KARTHIKEYA

*has Successfully Completed Scrach Programming
Course offered by Centre of Excellence, MREC(A)*

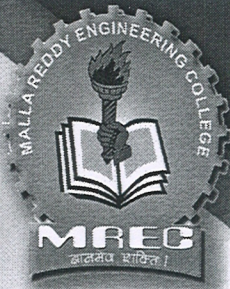
on 31/03/2021 *bearing with*

Roll No. 20J41A6918 *and Branch* IOT.

**N. RISHIKANTH
DEAN (COE)**

**Dr. A. Ravendra
Principal**

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MALLA REDDY ENGINEERING COLLEGE

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CERTIFICATE

OF COURSE COMPLETION

This is to Certify that

POGULA RAHUL

*has Successfully Completed Scrach Programming
Course offered by Centre of Excellence, MREC(A)*

on 31/03/2021 *bearing with*

Roll No. 20J41A6748 *and Branch* CSE-DS .

**N. RISHIKANTH
DEAN (COE)**

**Dr. A. Ravendra
Principal**

Ravend
Principal
Malla Reddy Engineering College
(Autonomous)
Malsammaguda, Dhulapally-50
(Post Via Kompally). Sec'bad-500 100



MALLA REDDY ENGINEERING COLLEGE

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CERTIFICATE

OF COURSE COMPLETION

This is to Certify that

KORIVI LIKHITH

*has Successfully Completed Scrach Programming
Course offered by Centre of Excellence, MREC(A)*

on 31/03/2021 bearing with

Roll No. 20J41A04E4 and Branch ECE

**N. RISHIKANTH
DEAN (COE)**

**Dr. A. Ravendra
Principal**

Ravendra
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Maisammaguda, Dhulapally,
(Post Via Kompally), Sec'bad-500 100