



MALLA REDDY ENGINEERING COLLEGE(Autonomous)
(An UGC Autonomous Institution, Approved by AICTE and
Affiliated to JNTUH, Hyderabad)
Accredited by NAAC with 'A++' Grade,
Maisammaguda (H), Medchal - Malkajgiri District, Secunderabad-
Telangana State-500100. Website: www.mrec.ac.in

REQUISITION LETTER

Date: 09/12/2022

To

The Principal,
Malla Reddy Engineering College (Autonomous),
Maisammaguda, Dhulapally,
Secunderabad – 500100.

Respected Sir,

Sub.: Seeking – Permission for conducting One Week workshop on “Robotics”:Reg.

We would like to bring to your kind notice that, we are planning to conducting One Week Workshop on “Robotics” from 12.12.2022 to 17.12.2022. In this regard, I request you to kindly request you to give approval with support for the logistics and other requirements in order to conduct the event.

Thank you Sir,

Yours sincerely,

HOD

CSE - CS

Head of the Department
Dept. of CSE (Cyber Security)
Malla Reddy Engineering College (Autonomous)
Secunderabad, Telangana, State -500100.



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



MALLA REDDY ENGINEERING COLLEGE

(A UGC Autonomous Institution, Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad). Accredited by NAAC with 'A++' Grade, NIRF Rank Band 250-300, ARIIA Band Performer, NBA Tier-I Accredited (B.Tech.- CE, EEE, ME, ECE & CSE, M.Tech. - Structural Engineering, Electrical Power Systems, Thermal Engineering)
Maisammaguda (H), Medchal-Malkajgiri District, Secunderabad- 500100.
Telangana State. www.mrec.ac.in

Date: 10/12/2022

CIRCULAR

All the B.Tech IIYear Students are here byinformed that the department of Cyber Security is going to organize **One Week Workshop on "Robotics"** on 12.12.2022 to 17.12.2022. In this regard all the Students requested to register for this program. Further details to contact

HOD

CSE-CS

Dept. of CSE (Cyber Security)
Malla Reddy Engineering College (Autonomous)
Secunderabad, Telangana, State - 500100.



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

One Week Workshop

On

Robotics

12.12.2022 to 17.12.2022

Organized by
Department of CSE-Cyber Security.

MALLA REDDY ENGINEERING COLLEGE
(Autonomous)

Maisammaguda, Dhulapally Post, Vaikompally
Secunderabad-500100

REGISTRATION FORM

1. Name of the Participant

.....
.....

2. Designation:

3. Qualification:

4. Institute:

.....

5. Address for communication:

.....

6. Mobile Number:

7. E-mail:

Date:

Signature of the Applicant

CHIEF PATRON

Sri.Ch.MallaReddy, M.L.A

Minister of Labour, Employment, Women and Child
Development

Founder Chairman, CMR Educational Society

PATRONS

Sri.Ch.Mahender Reddy

Secretary, CMR Educational Society

Dr.Ch.Bhadra Reddy

Treasurer, CMR Educational Society

CO-PATRON

Dr.A. Ramaswami Reddy

Principal, MREC(A), Hyderabad.

CONVENER

Dr.P.Srinivas

Professor,

Department of Computer Science and Engineering -
Cyber Security

RESOURCE PERSON

Prof.G.Shankar Lingam

Dean of Engineering,

Chaitanya (Deemed to be

University),

Warangal.

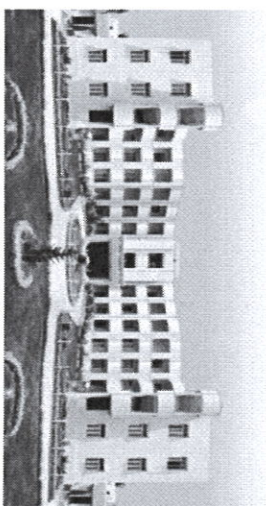


One Week Workshop

On

Robotics

12.12.2022 to 17.12.2022



Organized by

Department of Computer Science and Engineering
- Cyber Security

MALLA REDDY ENGINEERING COLLEGE

(AUTONOMOUS)

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20 (b) & 12 (B) of UGC Act 1956, Accredited by NAAC
with 'A++' Grade (III Cycle) and NBA)

Maisammaguda, Secunderabad-500100

Ph: 05026434231 Website: www.mrec.ac.in

Malla Reddy Engineering College

Maisammaguda, Dhulapally,

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**Report
On
One Week Workshop on Robotics**

A One Week workshop on **Robotics** is a dot com business A One Week workshop on **Robotics** was Organized by Department of CSE-Cyber Security, MREC(Autonomous), Secunderabad during 12.12.2022 to 17.12.2022. The schedule was planned in such a way that, from the basic and most of the topics were covered in depth.

The modules covered are

1. Robotics History & Introduction
2. What is Robotics
3. Components of Robot
4. AI in Robotics
5. AI Research Areas
6. Types of Robot & Types of Robot Sensors

Robotics is a branch of engineering that involves the conception, design, manufacture and operation of robots. The objective of the robotics field is to create intelligent machines that can assist humans in a variety of ways.

Robotics can take on a number of forms. A robot may resemble a human, or it may be in the form of a robotic application, such as robotic process automation (RPA), which simulates how humans engage with software to perform repetitive, rules-based tasks.

Inaugural session: 10:00 a.m., 12.12.2022.

The esteemed personalities present on the inaugural of the programme:

Dr.A.Ramaswami Reddy, Principal, MREC (A)

Dr.S.Shiva Prasad, Professor & HOD, CSE-DS Department, MREC(A)

Prof.G.Shankar Lingam, Dean of Engineering, Chaitanya (Deemed to be University), Warangal

CO-Ordinator



Principal

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

HOD

Head of Department
CSE-CS
Dept. of Cyber Security
Malla Reddy Engineering College (Autonomous),
Secunderabad, Telangana, State -500100.

Resource Person Request- **One Week Workshop on Robotics** on 12.12.2022 to 17.12.2022 Acceptance
Reg



From: name <deanengineering@edu.ac.in>

Sat, Dec 10, 12:05
PM

to <cshod@mrec.ac.in>

sir,

With Reference to mail on 14.01.2022 for acceptance of Resource person from 12.12.2022 to 17.12.2022 on title **One Week Workshop on Robotics** at Malla Reddy Engineering College(Autonomous), Hyderabad, Telangana State:


This is the acceptance of workshop resource person.

Thank you sir

--

Prof.G.Shankar Lingam,
Dean of Engineering,
Chaitanya (Deemed to be University), Warangal




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



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Telangana State. www.mrec.ac.in

One Week workshop on "Robotics"

Course Code :VACCS3

Duration of Course: 36Hrs

Objective of the Course

Objective

Bachelor of Robotics and Automation Engineering curriculum is designed to prepare the graduates having attitude and knowledge to

1. Have successful professional and technical career
2. Have strong foundation in basic sciences, mathematics and computational platforms
3. Have knowledge on the theory and practices in the field and service of robotics Engineering and allied areas
4. Engross in life-long learning to keep themselves abreast of new developments
5. Practice and inspire high ethical values and technical standards.

Syllabus

Unit-1

Total hrs: 18

Communicative English
Engineering Mathematics I
Engineering Physics
Engineering Chemistry
Problem Solving and Python Programming
Engineering Graphics

Unit-2

Total hrs: 18

Technical English
Engineering Mathematics II
Materials Science
Basic Electrical, Electronics and Instrumentation Engineering
Environmental Science and Engineering
Engineering Mechanics



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



MAILLA REDDY ENGINEERING COLLEGE



(Autonomous – main Campus)

Maisammaguda, Dhulapally (Post via Kompally), Secunderabad-500 100 , Telangana

(An autonomous institution approved by UGC and affiliated to JNTUH. The college is accredited by NAAC with 'A++' Grade)

One Week Workshop
On
Robotics
Certificate

This is to certify that A.Pranav Department of *Computer Science & Engineering – CS* from *Malla Reddy Engineering College* has successfully completed the *One Week Workshop on “Robotics”* held on 12.12.2022 to 17.12.2022 organized by Department of Computer Science and Engineering – Cyber Security, MREC (Autonomous), Hyderabad, Telangana

Coordinator




HOD

PRINCIPAL


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



MALLA REDDY ENGINEERING COLLEGE



(Autonomous – main Campus))

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One Week Workshop

On

Robotics

Certificate

This is to certify that Ch.Jhansi Department of *Computer Science & Engineering – CS* from *Malla*

Reddy Engineering College has successfully completed the ***One Week Workshop on “Robotics”*** held on

12.12.2022 to 17.12.2022 organized by Department of Computer Science and Engineering – Cyber

Security, MRRC (Autonomous), Hyderabad, Telangana

Coordinator



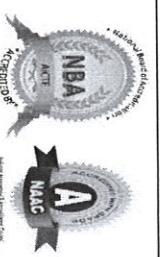
Principal
DOD

Principal

Malla Reddy Engineering College
Maisammaguda, Dhulapally,
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MALLA REDDY ENGINEERING COLLEGE



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One Week Workshop

On

Robotics

Certificate

This is to certify that AZMEERA SRILATHA Department of *Computer Science & Engineering – Internet of Things* from *Malla Reddy Engineering College* has successfully completed the *One Week Workshop on “Robotics”* held on 12.12.2022 to 17.12.2022 organized by Department of Computer Science and Engineering – Cyber Security, MREC (Autonomous), Hyderabad, Telangana

Coordinator



PRINCIPAL
HOD

PRINCIPAL

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

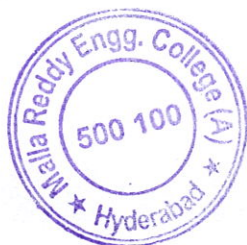


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One Week Workshop

**on
"Robotics"**

S.No.	Name of the Student	Student yr.	College
1	AKULA VIGNESH GOUD	CS-II	MREC
2	AYYALA RAMESH	CS-II	MREC
3	AZMEERA SRILATHA	CS-II	MREC
4	B UDAY TEJA	CS-II	MREC
5	BAGAM THARUN	CS-II	MREC
6	BANDARI VIVEK	CS-II	MREC
7	BANDE VISHWAJEETH REDDY	CS-II	MREC
8	BELAGANTI SAI THARUN KUMAR REDDY	CS-II	MREC
9	BOGADHI TEJA PRAKASH	CS-II	MREC
10	C SAI NATH REDDY	CS-II	MREC
11	CHATAMONI THARUN KUMAR	CS-II	MREC
12	CHILUKA SURARCHITH	CS-II	MREC
13	CHOWDARY PANDARINATH	CS-II	MREC
14	DADIPELLI GANESH	CS-II	MREC
15	E HARSHITHA	CS-II	MREC
16	G SANJANA REDDY	CS-II	MREC
17	GANTI SAI VENKATA NAGENDRA	CS-II	MREC
18	GUMMADI ANIRUDH	CS-II	MREC
19	HOWDEKAR SHIVA RAM	CS-II	MREC



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

20	JOGULA PAAVAN	CS-II	MREC
21	KAITHA ARAVIND	CS-II	MREC
22	KAMANA SATYA TARUN	CS-II	MREC
23	KANDATI BHANU PRAKASH	CS-II	MREC
24	KASHA ABHISHEK	CS-II	MREC
25	KEDAPU MEENESHWAR	CS-II	MREC
26	KOLETI KARTHIK	CS-II	MREC
27	KOMMU SAIKRISHNA	CS-II	MREC
28	KONDETI MANVITHA	CS-II	MREC
29	KORLA KEERTHI REDDY	CS-II	MREC
30	KOTHAKONDA SAI SHIVAMANI	CS-II	MREC
31	KURVA VINOD KUMAR	CS-II	MREC
32	MAHANKALI PRANATHI	CS-II	MREC
33	MANDA AKHILA	CS-II	MREC
34	MANTHA SAI SRI	CS-II	MREC
35	MOHAMMED SHARUF	CS-II	MREC
36	MUDAVATH ANIL KUMAR	CS-II	MREC
37	MULKALA MUKESH	CS-II	MREC
38	MUSKU PRANAY REDDY	CS-II	MREC
39	NAVAB DARVESHALI	CS-II	MREC
40	PALLE SREEMITH KUSHAL	CS-II	MREC
41	PAMURI MANOJ KUMAR REDDY	CS-II	MREC
42	PATTIPATI INDRAVARDHAN	CS-II	MREC
43	PAYAM CHARUKESHVA CHANDRA SWROOP	CS-II	MREC






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

44	PEMBARTHI TEJASWI	CS-II	MREC
45	POTLA RAJ KIRAN	CS-II	MREC
46	PUTAGOLU MANIKESHWARI	CS-II	MREC
47	RAHUL REDDY MUSKU	CS-II	MREC
48	REPAKA AJAY	CS-II	MREC
49	S V S ABHINAV	CS-II	MREC
50	SATHVIKA PINDI	CS-II	MREC
51	SHAIK ARSHIYA	CS-II	MREC
52	SHAIK ZAID	CS-II	MREC
53	T UDAY KIRAN	CS-II	MREC
54	THANNERU RANI	CS-II	MREC
55	TULABANDI SREE THARUN	CS-II	MREC
56	SHAIK MUZAMMIL	CS-II	MREC
57	MIRYALA NAVYA DEEPTHI	CS-II	MREC
58	GHANAPURAM GANESH	CS-II	MREC
59	CHALUVAGALI VINAY RAJU	CS-II	MREC
60	SHEIK TAMEEM ANSARI	CS-II	MREC
61	DANTAPALLY HARISHWAR REDDY	CS-II	MREC


Co-Ordinator




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


HOD CSE -CS
Dept. Cyber Security
Malla Reddy Engineering College (Autonomous)
Secunderabad, Telangana, State -500100




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**One Week workshop
on
"Robotics"**

S.No	ROLL NO	Name of the Student	Year	Certified
1	21J41A6201	AKULA VIGNESH GOUD	II-UG	YES
2	21J41A6202	AYYALA RAMESH	II-UG	YES
3	21J41A6203	AZMEERA SRILATHA	II-UG	YES
4	21J41A6204	B UDAY TEJA	II-UG	YES
5	21J41A6205	BAGAM THARUN	II-UG	YES
6	21J41A6206	BANDARI VIVEK	II-UG	YES
7	21J41A6207	BANDE VISHWAJEETH REDDY	II-UG	YES
8	21J41A6208	BELAGANTI SAI THARUN KUMAR REDDY	II-UG	YES
9	21J41A6209	BOGADHI TEJA PRAKASH	II-UG	YES
10	21J41A6210	C SAI NATH REDDY	II-UG	YES
11	21J41A6211	CHATAMONI THARUN KUMAR	II-UG	YES
12	21J41A6212	CHILUKA SURARCHITH	II-UG	YES
13	21J41A6213	CHOWDARY PANDARINATH	II-UG	YES
14	21J41A6214	DADIPELLI GANESH	II-UG	YES
15	21J41A6215	E HARSHITHA	II-UG	YES
16	21J41A6216	G SANJANA REDDY	II-UG	YES
17	21J41A6217	GANTI SAI VENKATA NAGENDRA	II-UG	YES




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

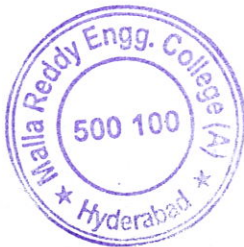
18	21J41A6219	GUMMADI ANIRUDH	II-UG	YES
19	21J41A6220	HOWDEKAR SHIVA RAM	II-UG	YES
20	21J41A6221	JOGULA PAAVAN	II-UG	YES
21	21J41A6222	KAITHA ARAVIND	II-UG	YES
22	21J41A6223	KAMANA SATYA TARUN	II-UG	YES
23	21J41A6224	KANDATI BHANU PRAKASH	II-UG	YES
24	21J41A6225	KASHA ABHISHEK	II-UG	YES
25	21J41A6226	KEDAPU MEENESHWAR	II-UG	YES
26	21J41A6227	KOLETI KARTHIK	II-UG	YES
27	21J41A6228	KOMMU SAIKRISHNA	II-UG	YES
28	21J41A6229	KONDETI MANVITHA	II-UG	YES
29	21J41A6230	KORLA KEERTHI REDDY	II-UG	YES
30	21J41A6231	KOTHAKONDA SAI SHIVAMANI	II-UG	YES
31	21J41A6232	KURVA VINOD KUMAR	II-UG	YES
32	21J41A6233	MAHANKALI PRANATHI	II-UG	YES
33	21J41A6234	MANDA AKHILA	II-UG	YES
34	21J41A6235	MANTHA SAI SRI	II-UG	YES
35	21J41A6236	MOHAMMED SHARUF	II-UG	YES
36	21J41A6237	MUDAVATH ANIL KUMAR	II-UG	YES
37	21J41A6238	MULKALA MUKESH	II-UG	NO
38	21J41A6239	MUSKU PRANAY REDDY	II-UG	YES
39	21J41A6240	NAVAB DARVESHALI	II-UG	YES
40	21J41A6241	PALLE SREEMITH KUSHAL	II-UG	YES
41	21J41A6242	PAMURI MANOJ KUMAR REDDY	II-UG	YES



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

42	21J41A6243	PATTIPATI INDRAVARDHAN	II-UG	YES
43	21J41A6244	PAYAM CHARUKESHVA CHANDRA SWROOP	II-UG	YES
44	21J41A6245	PEMBARTHI TEJASWI	II-UG	NO
45	21J41A6246	POTLA RAJ KIRAN	II-UG	YES
46	21J41A6247	PUTAGOLU MANIKESHWARI	II-UG	YES
47	21J41A6248	RAHUL REDDY MUSKU	II-UG	YES
48	21J41A6249	REPAKA AJAY	II-UG	YES
49	21J41A6251	S V S ABHINAV	II-UG	YES
50	21J41A6252	SATHVIKA PINDI	II-UG	YES
51	21J41A6253	SHAIK ARSHIYA	II-UG	NO
52	21J41A6254	SHAIK ZAID	II-UG	YES
53	21J41A6255	T UDAY KIRAN	II-UG	YES
54	21J41A6256	THANNERU RANI	II-UG	YES
55	21J41A6257	TULABANDI SREE THARUN	II-UG	YES
56	22J45A6201	SHAIK MUZAMMIL	II-UG	YES
57	22J45A6202	MIRYALA NAVYA DEEPTHI	II-UG	NO
58	22J45A6203	GHANAPURAM GANESH	II-UG	YES
59	22J45A6204	CHALUVAGALI VINAY RAJU	II-UG	YES
60	22J45A6205	SHEIK TAMEEM ANSARI	II-UG	YES
61	22J45A6206	DANTAPALLY HARISHWAR REDDY	II-UG	YES

Co-Ordinator



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

Head of Department
HOD
Dept. of CSE (Autonomous)
Malla Reddy Engineering College (Autonomous)
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