



MALLA REDDY ENGINEERING COLLEGE
(UGC Autonomous Institution, Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad). Accredited by NAAC with 'A' Grade (Cycle II),
Maisammaguda (H), Medchal-Malkajgiri District, Secunderabad,
Telangana State – 500100, www.mrec.ac.in

Department of Electrical and Electronics Engineering

CIRCULAR

Date: 03.09.2021

All the students are hereby informed that Value Added Course “Workshop on Artificial Intelligence” from 9th Sep to 16th September 2021 is being organized by the Electrical and Electronics Engineering. The resource person for the course is Mr.O.Vamshi Project engineer. Students are advised to register their names to the programme coordinator. Dr.T.Rajesh on or before 08.09.2021 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.


Head of the Department

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

Copy to:

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


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. Institute Offers all branches 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.

Advisory Committee:

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

Founder Chairman
**Malla Reddy Group of
Institutions**

Patrons: Sri.Ch. Mahender Reddy
Secretary, MRGI
Dr.Ch.Bhadra Reddy
President, MRGI

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

Convener: Dr.N.Rajeswaran
HOD EEE

Coordinator: Dr.T.Rajesh
Associate Professor, EEE

Resource Person : Mr. O.Vamshi,
Trainer ,Dhanush Engineering Services Pvt. Ltd.

Organizing Committee:

Dr.N.Rajeswaran, Professor, EEE
Mr.P. Kamalakar, Assoc. Professor, EEE
Mr. Dr. P Sarala., Assoc. Professor, EEE
Mr.Ch NarendraKumar, Assoc. Professor, EEE
Mr.V.Ganesh Kumar, Assoc. Professor, EEE
Mr. C Rami Reddy, Asst.Prof, EEE
Mrs.MdPraveen, Asst.Prof, EEE
Mrs.S. Bharathi, Asst.Prof, EEE
Mrs.Y.Sudha, Asst.Prof, EEE
Mr.KSS Naga Teja, Asst.Prof, EEE
Mr.P.Ganesh, Asst.Prof, EEE
Mr.G.Venu, Asst.Prof, EEE
Mrs.V.SumaDeepthi, Asst.Prof, EEE
Mrs D Chandrashekar, Asst.Prof, EEE

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(Post Vengal Rao), Sec'bad-500100.



A Value added Course
On
"Workshop on Artificial Intelligence"

(09/09/2021 to 16/09/2021)



Organized by
Department of
Electrical and Electronics 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 Electrical and Electronics Engineering at MREC has been producing high quality technical manpower needed by industry, R&D organizations, and academic institutions since 2002 with an intake of 60. The Department also offering PG Program EPS. The department UG Program was accredited by NBA in 2008 and Re-accredited in 2014.

Overview of the Programme:

The primary responsibility of faculty is not only to inspire students 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 faculty members enabling them to introspect and learn techniques that imbibe ethics & morals in their teaching and help pre-prepare students for active and successful participation in a modern society, producing individuals of high character, probity and honor.

Proposed FDP 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 **MM Reddy Engineering College**, Malsammaguda, Dhulapally, (Post Via Kompally), Sec'bad-500100.

Objectives of the Programme:

- 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.
- To Develop the basic Knowledge of basics of Artificial intelligence among the students.

Topics to be covered:

- ❖ Need for programming
- ❖ Advantages and overview of Artificial intelligence
- ❖ Artificial intelligence Applications in various domains


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:

After completing the Course, the faculty and students will be able to :

- Describe the basics of the artificial intelligence..
- Design user interfaces to improve human-AI interaction and real time decision making.
- Explain the benefits, limitations, and tradeoffs of designing engaging and ethical conversational user interactions.
- Design and implement cognitive automation for different industries.
- Design AI frameworks and structures to integrate robotic process automation in business process management systems.

	MALLA REDDY ENGINEERING COLLEGE (AUTONOMOUS) (An UGC Autonomous Institution, Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad). Accredited 2 nd time by NAAC with 'A' Grade, Maisammaguda (H), Medchal-Malkajgiri District, Secunderabad, Telangana State – 500100, www.mrec.ac.in	Department: EEE
		Course : B.Tech
		Date: 09/09/2021 to 16/09/2021


DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Value Added Course
on
"Workshop on Artificial intelligence"

09/09/2021 to 16/09/2021
Programme Schedule

Date	Time	Topic	Resource Person
09/09/2021	9:30-4:00PM	To understand the basic fundamentals of Artificial Intelligence	Mr.O.Vamshi
11/09/2021	9:30-4:00PM	Determine various problem solving strategies.	Mr.O.Vamshi,
13/09/2021	9:30-4:00PM	To understand the logic concepts	Mr.O.Vamshi,
14/09/2021	9:30-4:00PM	To understand the Knowledge Representation.	Mr.O.Vamshi
15/09/2021	9:30-4:00PM	To develop the expert systems in various phases and its applications	Mr.O.Vamshi
16/09/2021	9:30-4:00PM	To apply the fuzzy logic in various problem solving techniques	Mr.O.Vamshi


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 (Autonomous)

	<p align="center">MALLA REDDY ENGINEERING COLLEGE (UGC Autonomous Institution, Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad). Accredited by NAAC with 'A' Grade (Cycle II). Maisammaguda (H), Medchal-Malkajgiri District, Secunderabad, Telangana State – 500100, www.mrec.ac.in</p>	<p align="right">Department: E.E.E. Course : B.Tech Date: 09/09/2021 to 16/09/2021</p>
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DEPARTMENT OF ELECTRICAL and ELECTRONICS ENGINEERING
Academic Year 2021-2022

Value Added Course on “Workshop on Artificial Intelligence”

SYLLABUS

DAY-I: INTRODUCTION

Introduction to Artificial Intelligence: Introduction, history, intelligent systems, foundations of AI, applications, tic-tac-toe game playing, development of AI languages, current trends in AI.

DAY- II: Problem Solving

Problem solving: state-space search and control strategies: Introduction, general problem solving, characteristics of problem, exhaustive searches, heuristic search techniques, iterative deepening a*, constraint satisfaction.

Problem reduction and game playing: Introduction, problem reduction, game playing, alphabeta pruning, two-player perfect information games.

DAY-III: Logic Concepts and Knowledge Representation

A: Logic Concepts - Introduction, propositional calculus, propositional logic, natural deduction system, axiomatic system, semantic tableau system in propositional logic, resolution refutation in propositional logic, predicate logic.

DAY-IV: Knowledge Representation –

Introduction, approaches to knowledge representation, knowledge representation using semantic network, extended semantic networks for KR, knowledge representation using frames advanced knowledge representation techniques: Introduction, conceptual dependency theory, script structure, cyc theory, case grammars, semantic web

DAY- V: Expert System and Applications

Introduction phases in building expert systems, expert system versus traditional systems, rule-based expert systems, blackboard systems truth maintenance systems, application of expert systems, list of shells and tools.

DAY- VI: Uncertainty Measure

Probability theory: Introduction, Bayesian belief networks, certainty factor theory, Dempster-Shafer theory.



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Fuzzy sets and fuzzy logic: Introduction, fuzzy sets, fuzzy set operations, types of membership functions, multi valued logic, fuzzy logic, linguistic variables and hedges, fuzzy propositions, inference rules for fuzzy propositions, fuzzy systems.

E-RESOURCES:

1. <https://i4iam.files.wordpress.com/2013/08/artificial-intelligence-by-rich-and-knight.pdf>
2. https://books.google.co.in/books?id=pVR9W5LEZUwC&printsec=frontcover&source=gsbs_ge_summary_r&cad=0#v=onepage&q&f=false
3. <https://www.journals.elsevier.com/artificial-intelligence/>
4. <http://www.ceser.in/ceserp/index.php/ijai>


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		Course : B.Tech
		Date: 09/09/2021 to 16/09/2021

DEPARTMENT OF ELECTRICAL and ELECTRONICS ENGINEERING

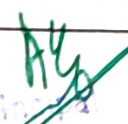
Academic Year 2021-2022

Value Added Course on “Workshop on Artificial Intelligence”


9th Sep to 16th Sept 2021


List of Students Enrolled

Sl.No	Roll No	Name	YEAR /SEMESTER
1	18J41A0201	ALVALE SHRUTHILYA	IV/I
2	18J41A0202	AMBEDA AMANI	IV/I
3	18J41A0203	AMRADI SOWMYA	IV/I
4	18J41A0204	ANADLA SRAVANI	IV/I
5	18J41A0205	A SATHISHKUMAR	IV/I
6	18J41A0207	B REVATISWAPNIKA	IV/I
7	18J41A0208	BUYA BERUSHALAM	IV/I
8	18J41A0209	BYREDDY SUPRAJA	IV/I
9	18J41A0210	CHITTETI NAGA SRI	IV/I
10	18J41A0211	DATLA SUSMITHA	IV/I
11	18J41A0212	DEEKONDA SHIVANI	IV/I
12	18J41A0213	DHANNAMANENI VAMSHI	IV/I
13	18J41A0214	ESLAVATH SOWMYA	IV/I
14	18J41A0215	GAJJELA PAVAN KUMAR	IV/I
15	18J41A0216	GALI PALLAVI	IV/I
16	18J41A0217	GANDHAM RAVI KUMAR	IV/I
17	18J41A0218	GANTA SAI CHANDU	IV/I
18	18J41A0219	GIDDALUR DWARAKAMAYEE	IV/I
19	18J41A0220	GOLLA SANDEEP	IV/I
20	18J41A0221	GOTTAM BHAVISHYA	IV/I
21	18J41A0222	GUTHI HARIBABU	IV/I
22	18J41A0223	H SANDESH KUMAR VARMA	IV/I
23	18J41A0224	JAKKULA RAMESH	IV/I
24	18J41A0225	KALVALA AVINASH	IV/I
25	18J41A0226	KAMARTHAPU UPENDAR	IV/I
26	18J41A0227	KARNATI KARTHIK REDDY	IV/I
27	18J41A0228	KARUKULA UDAYKIRAN	IV/I
28	18J41A0229	KASTURI RAGHUNANDAN	IV/I
29	18J41A0230	KOLA SAINAVEEN GOUD	IV/I


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30	18J41A0231	KOPPULA LOHITH	IV/I
31	18J41A0232	M. V.LAXMI PRASANNA	IV/I
32	18J41A0233	MACHUKURU SNEHARAJ	IV/I
33	18J41A0234	MAHIPATHI AKSHITH	IV/I
34	18J41A0235	MARAGANI MAHATHI	IV/I
35	18J41A0237	MD ABDUL TABRAZUL SOHAIL	IV/I
36	18J41A0238	MYAKA VINAY REDDY	IV/I
37	18J41A0239	MYAKALA SHEKAR	IV/I
38	18J41A0241	NENAVATH AKHIL SAI	IV/I
39	18J41A0242	NHY VAMSI	IV/I
40	18J41A0244	PALLE GURU PRAVEEN REDDY	IV/I
41	18J41A0245	PANTHANGI THRILOK RAJU	IV/I
42	18J41A0246	PUPPALA NAVEEN	IV/I
43	18J41A0247	PUTTALA ANKITHA	IV/I
44	18J41A0248	R H ADI DURGA PHANEENDRA	IV/I
45	18J41A0249	RAMIDI KEERTHI REDDY	IV/I
46	18J41A0251	SHAIK FATHIMA BEGUM	IV/I
47	18J41A0252	SHETTY SOWMYA	IV/I
48	18J41A0253	SIVAKOTI ROHITHCHANDRA	IV/I
49	18J41A0254	SURAM PRASHANTH	IV/I
50	18J41A0255	TANDURI KRISHNA THANUJA	IV/I
51	18J41A0256	THATIKANTI PRAVEEN	IV/I
52	18J41A0258	THUMMA CHAKRITH SAI	IV/I
53	18J41A0259	VANGALA VANITHA SRI	IV/I
54	18J41A0260	YENUGANTI PRANAV GOUD	IV/I
55	19J45A0201	BANDA KOTESWARA RAO	IV/I
56	19J45A0202	KOTTHA RAMYA	IV/I
57	19J45A0203	MANCHALA VAISHNAVI	IV/I
58	19J45A0204	MANNE ANIL	IV/I
59	19J45A0205	N PARTHASARADHI REDDY	IV/I
60	19J45A0206	SATHELLI DEVENDER	IV/I


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Department: EEE

Course : B.Tech

Date:09/09/2021 to 16/09/2021

DEPARTMENT OF ELECTRICAL and ELECTRONICS ENGINEERING


Academic Year 2021-2022

Name of the Value Added Course on
Workshop on Artificial intelligence
9th Sep to 16th Sept 2021
Student attendance List

Sl. No	Roll No	Name	9/10/2021	10/10/2021	11/10/2021	12/10/2021	13/10/2021	14/10/2021
1	18J41A0201	ALVALE SHRUTHILYA	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>
2	18J41A0202	AMBEDA AMANI	<i>Am</i>	<i>Am</i>	<i>Am</i>	<i>Am</i>	<i>Am</i>	<i>Am</i>
3	18J41A0203	AMRADI SOWMYA	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>
4	18J41A0204	ANADLA SRAVANI	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>
5	18J41A0205	A SATHISHKUMAR	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>
6	18J41A0207	B REVATISWAPNIKA	<i>B</i>	<i>B</i>	<i>B</i>	<i>B</i>	<i>B</i>	<i>B</i>
7	18J41A0208	BUYA BERUSHALAM	<i>B</i>	<i>B</i>	<i>B</i>	<i>B</i>	<i>B</i>	<i>B</i>
8	18J41A0209	BYREDDY SUPRAJA	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>
9	18J41A0210	CHITTETI NAGA SRI	<i>N</i>	<i>N</i>	<i>N</i>	<i>N</i>	<i>N</i>	<i>N</i>
10	18J41A0211	DATLA SUSMITHA	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>
11	18J41A0212	DEEKONDA SHIVANI	<i>D</i>	<i>D</i>	<i>D</i>	<i>D</i>	<i>D</i>	<i>D</i>
12	18J41A0213	DHANNAMANENI VAMSHI	<i>D</i>	<i>D</i>	<i>D</i>	<i>D</i>	<i>D</i>	<i>D</i>
13	18J41A0214	ESLAVATH SOWMYA	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>
14	18J41A0215	GAJJELA PAVAN KUMAR	<i>P</i>	<i>P</i>	<i>P</i>	<i>P</i>	<i>P</i>	<i>P</i>
15	18J41A0216	GALI PALLAVI	<i>P</i>	<i>P</i>	<i>P</i>	<i>P</i>	<i>P</i>	<i>P</i>
16	18J41A0217	GANDHAM RAVI KUMAR	<i>R</i>	<i>R</i>	<i>R</i>	<i>R</i>	<i>R</i>	<i>R</i>
17	18J41A0218	GANTA SAI CHANDU	<i>G</i>	<i>G</i>	<i>G</i>	<i>G</i>	<i>G</i>	<i>G</i>


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44	18J41A0248	R H ADI DURGA PHANEENDRA	Acuy	Acuy	Acuy	Acuy	Acuy	Acuy
45	18J41A0249	RAMIDI KEERTHI REDDY	KReddy	KReddy	KReddy	KReddy	KReddy	KReddy
46	18J41A0251	SHAIK FATHIMA BEGUM	fathima	fathima	fathima	fathima	fathima	fathima
47	18J41A0252	SHETTY SOWMYA	Sowmya	Sowmya	Sowmya	Sowmya	Sowmya	Sowmya
48	18J41A0253	SIVAKOTI ROHITHCHANDRA	Ruij	Ruij	Ruij	Ruij	Ruij	Ruij
49	18J41A0254	SURAM PRASHANTH	prashant	prashant	prashant	prashant	prashant	prashant
50	18J41A0255	TANDURI KRISHNA THANUJA	Thuy	Thuy	Thuy	Thuy	Thuy	Thuy
51	18J41A0256	THATIKANTI PRAVEEN	Praveen	Praveen	Praveen	Praveen	Praveen	Praveen
52	18J41A0258	THUMMA CHAKRITH SAI	Sai	Sai	Sai	Sai	Sai	Sai
53	18J41A0259	VANGALA VANITHA SRI	Sri	Sri	Sri	Sri	Sri	Sri
54	18J41A0260	YENUGANTI PRANAV GOUD	Pranav	Pranav	Pranav	Pranav	Pranav	Pranav
55	19J45A0201	BANDA KOTESWARA RAO	Koteswara	Koteswara	Koteswara	Koteswara	Koteswara	Koteswara
56	19J45A0202	KOTTHA RAMYA	Ramya	Ramya	Ramya	Ramya	Ramya	Ramya
57	19J45A0203	MANCHALA VAISHNAVI	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi
58	19J45A0204	MANNE ANIL	Anil	Anil	Anil	Anil	Anil	Anil
59	19J45A0205	N PARTHASARADHI REDDY	Reddy	Reddy	Reddy	Reddy	Reddy	Reddy
60	19J45A0206	SATHELLI DEVENDER	Devender	Devender	Devender	Devender	Devender	Devender


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18	18J41A0219	GIDDALUR DWARAKAMAYEE						
19	18J41A0220	GOLLA SANDEEP	Sandeep	Sandeep	Sandeep	Sandeep	Sandeep	Sandeep
20	18J41A0221	GOTTAM BHAVISHYA	Bhavishya	Bhavishya	Bhavishya	Bhavishya	Bhavishya	Bhavishya
21	18J41A0222	GUTHI HARIBABU	Haribabu	Haribabu	Haribabu	Haribabu	Haribabu	Haribabu
22	18J41A0223	H SANDESH KUMAR VARMA	Sandesh	Sandesh	Sandesh	Sandesh	Sandesh	Sandesh
23	18J41A0224	JAKKULA RAMESH	Ramesh	Ramesh	Ramesh	Ramesh	Ramesh	Ramesh
24	18J41A0225	KALVALA AVINASH	Avinash	Avinash	Avinash	Avinash	Avinash	Avinash
25	18J41A0226	KAMARTHAPU UPENDAR						
26	18J41A0227	KARNATI KARTHIK REDDY	Karthik	Karthik	Karthik	Karthik	Karthik	Karthik
27	18J41A0228	KARUKULA UDAYKIRAN	Uday	Uday	Uday	Uday	Uday	Uday
28	18J41A0229	KASTURI RAGHUNANDAN	Raghunandan	Raghunandan	Raghunandan	Raghunandan	Raghunandan	Raghunandan
29	18J41A0230	KOLA SAINAVEEN GOUD	Sainaveen	Sainaveen	Sainaveen	Sainaveen	Sainaveen	Sainaveen
30	18J41A0231	KOPPULA LOHITH	Lohith	Lohith	Lohith	Lohith	Lohith	Lohith
31	18J41A0232	M. V.LAXMI PRASANNA	Prasanna	Prasanna	Prasanna	Prasanna	Prasanna	Prasanna
32	18J41A0233	MACHUKURU SNEHARAJ	Sneharaj	Sneharaj	Sneharaj	Sneharaj	Sneharaj	Sneharaj
33	18J41A0234	MAHIPATHI AKSHITH						
34	18J41A0235	MARAGANI MAHATHI	Mahathi	Mahathi	Mahathi	Mahathi	Mahathi	Mahathi
35	18J41A0237	MD ABDUL TABRAZUL SOHAIL	Sohail	Sohail	Sohail	Sohail	Sohail	Sohail
36	18J41A0238	MYAKA VINAY REDDY	Vinay	Vinay	Vinay	Vinay	Vinay	Vinay
37	18J41A0239	MYAKALA SHEKAR	M. Shekar	M. Shekar	M. Shekar	M. Shekar	M. Shekar	M. Shekar
38	18J41A0241	NENAVATH AKHIL SAI	Akhil Sai	Akhil Sai	Akhil Sai	Akhil Sai	Akhil Sai	Akhil Sai
39	18J41A0242	NHY VAMSI	Vamsi	Vamsi	Vamsi	Vamsi	Vamsi	Vamsi
40	18J41A0244	PALLE GURU PRAVEEN REDDY	Praveen	Praveen	Praveen	Praveen	Praveen	Praveen
41	18J41A0245	PANTHANGI THRILOK RAJU	Thri Lok Raju	Thri Lok Raju	Thri Lok Raju	Thri Lok Raju	Thri Lok Raju	Thri Lok Raju
42	18J41A0246	PUPPALA NAVEEN	Naveen	Naveen	Naveen	Naveen	Naveen	Naveen
43	18J41A0247	PUTTALA ANKITHA	Ankitha	Ankitha	Ankitha	Ankitha	Ankitha	Ankitha


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		<p align="center">Course : B.Tech</p>
		<p align="center">Date: 09/09/2021 to 16/09/2021</p>

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Value Added Course on "Workshop on Artificial intelligence"

AI multiple choice questions

Q.1) Who is known as the inventor of Artificial Intelligence?

- a) Charles Babbage
- b) John McCarthy
- c) Alan Turing
- d) Andrew Ng

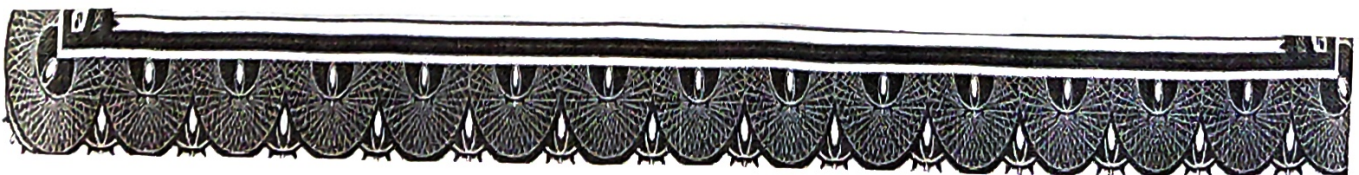
Q. 2) What is meant by Artificial Intelligence?

- a) Artificial intelligence is defined as a field aiming to make humans more intelligent.
- b) Artificial intelligence is defined as a field aiming to improve security.
- c) Artificial intelligence is defined as a field aiming to mine the data.
- d) Artificial intelligence is defined as a field aiming to develop intelligent machines.

Q 3) Which is considered the branch of Artificial Intelligence?

- a) Cyber Forensics
- b) Machine Learning
- c) Network Design
- d) Full-stack Developer


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Q. 4) Blind Search is used for which of the mentioned situations?

- a) Advanced Game Theory
- b) Real-life Simulation
- c) Small Search Space
- d) None of the above

Q. 5) In case a machine is capable of changing its course of action based on the external environment without any external help then the machine is called ____.

- a) Intelligent
- b) Mobile
- c) Both A and B
- d) None of the above

Q. 6) What is the main aim of Artificial Intelligence?

- a) To solve real-world issues
- b) To explain different sorts of intelligence
- c) To solve artificial problems
- d) To obtain information about scientific causes

Q. 7) Artificial Intelligence is classified into ____ category processes.

- a) 2
- b) 5
- c) 3
- d) 4

Q. 8) ____ is the common language for AI.

- a) Lisp
- b) Python


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c) PHP

d) Java

Q. 9) Which of the following are the proposition symbols in Artificial Intelligence?

a) true, false, and null

b) true

c) false

d) true and false

Q. 10) ____ is not an application of AI.

a) Database Management System

b) Digital Assistants

c) Natural language processing

d) Computer Vision

Q. 11) ____ is the informed search method.

a) Memory Bound Heuristic Search

b) A * Search

c) Best First Search

d) All of the above

Q. 12) ____ is considered a type of artificial intelligence agent.

a) Simple Reflex AI Agent

b) Learning AI agent

c) Goal-Based AI Agent

d) All of the above

Q. 13) ____ is a component of AI.


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- a) Training
- b) Designing
- c) Learning
- d) Puzzling

Q 14)On which approach the face recognition system is based?

- a) Weak AI Approach
- b) Cognitive AI Approach
- c) Strong AI Approach
- d) Applied AI Approach

Q. 15)The recognition system in AI is of how many types?

- a) 3
- b) 1
- c) 5
- d) 4

Q. 16) Procedural Domain Knowledge in a rule-based system is classified in the form of ____.

- a) Control Rules
- b) Production Rules
- c) Meta Rules
- d) None of the above

Q . 17) ____ was originally called 'the Imitation game'.

- a) The Turning Test
- b) LISP

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c) The Halting Problem

d) None of the above

Q. 18) AI agent can interact with its environment by using ____.

a) only perceivers

b) only sensors

c) sensors and perceivers

d) None of the above

Q. 19) There are ____ types of observing environments?

a) 4

b) 3

c) 2

d) 0

Q. 20) ____ are the compositions for Artificial Intelligence Agents.

a) Only Program

b) Only Architecture

c) Both Program and Architecture

d) None of the above

Q. 21) ____ is an example of an Artificial Intelligence Agent.


a) Human

b) Autonomous spacecraft

c) Robot

d) All of the above

Q. 22) ____ is considered the expansion of Artificial intelligence applications.


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a) Planning and Scheduling

b) Diagnosis

c) Game Playing

d) All of the above

Q. 23) ____ environment is considered strategic.

a) Partial

b) Stochastic

c) Deterministic

d) Rational

Q. 24)Which of the following is the function of an AI Agent?

a) To map the percept sequence to an action

b) To map the goal sequence to an action

c) To work without direct interference from any external factor like humans

d) To map the environment sequence to an action

Q. 25) An AI agent perceives and acts upon the environment using ____.

a. Sensors

b. Perceiver

c. Actuators

d. Both a and c

Q .26) Which rule is applied for the Simple reflex agent?

a. Simple-action rule

b. Simple &Condition-action rule

c. Condition-action rule

d. None of the above

Q.27) Which agent deals with the happy and unhappy state?

a. Utility-based agent


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- b. Model-based agent
- c. Goal-based Agent
- d. Learning Agent

Q.28) Which term describes the common-sense of the judgmental part of problem-solving?

- a. Values-based
- b. Critical
- c. Analytical
- d. Heuristic

Q.29) Which AI technique enables the computers to understand the associations and relationships between objects and events?

- a. Heuristic Processing
- b. Cognitive Science
- c. Relative Symbolism
- d. Pattern Matching

Q.30) The exploration problem is where_____.

- a. Agent contains the knowledge of State and actions.
- b. Agent does not contain the knowledge of State and actions.
- c. Only actions are known to the agent.
- d. None of the above


Q.31) In the Wumpus World Problem, the reason for the uncertainty is that the agent's sensor gives only__

- a. Full & Global information
- b. Partial & Global Information
- c. Full & local information
- d. Partial & local Information

Q.32) The search algorithm which is similar to the minimax search, but removes the branches that don't affect the final output is known as__.

- a. Depth-first search
- b. Breadth-first search
- c. Alpha-beta pruning
- d. None of the above

Q.33) The maximum depth to which the alpha-beta pruning can be applied,


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- a. Eight states
- b. Six states
- c. Ten states
- d. Any depth

Q.34) Among the given options, which is also known as inference rule?


- a. Reference
- b. Reform
- c. Resolution
- d. None of the above


Q.35) Which of the following option is used to build complex sentences in knowledge representation?

- a. Symbols
- b. Connectives
- c. Quantifier
- d. None of the above


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		Course :B.Tech
		Date:09/09/2021 to 16/09/2021

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Academic Year 2021-2022

Workshop on Artificial intelligence

9th Sep to 16th Sept 2021

List of the students Completed the Course

SL No	Roll No	Name	Course Completion (Yes/NO)
1	18J41A0201	ALVALE SHRUTHILYA	Yes
2	18J41A0202	AMBEDA AMANI	Yes
3	18J41A0203	AMRADI SOWMYA	Yes
4	18J41A0204	ANADLA SRAVANI	Yes
5	18J41A0205	A SATHISHKUMAR	Yes
6	18J41A0207	B REVATISWAPNIKA	Yes
7	18J41A0208	BUYA BERUSHALAM	Yes
8	18J41A0209	BYREDDY SUPRAJA	Yes
9	18J41A0210	CHITTETI NAGA SRI	Yes
10	18J41A0211	DATLA SUSMITHA	Yes
11	18J41A0212	DEEKONDA SHIVANI	Yes
12	18J41A0213	DHANNAMANENI VAMSHI	Yes
13	18J41A0214	ESLAVATH SOWMYA	Yes
14	18J41A0215	GAJJELA PAVAN KUMAR	Yes
15	18J41A0216	GALI PALLAVI	Yes
16	18J41A0217	GANDHAM RAVI KUMAR	Yes
17	18J41A0218	GANTA SAI CHANDU	Yes
18	18J41A0219	GIDDALUR DWARAKAMAYEE	Yes
19	18J41A0220	GOLLA SANDEEP	Yes
20	18J41A0221	GOTTAM BHAVISHYA	Yes
21	18J41A0222	GUTHI HARIBABU	Yes
22	18J41A0223	H SANDESH KUMAR VARMA	Yes
23	18J41A0224	JAKKULA RAMESH	Yes
24	18J41A0225	KALVALA AVINASH	Yes
25	18J41A0226	KAMARTHAPU UPENDAR	Yes
26	18J41A0227	KARNATI KARTHIK REDDY	Yes

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27	18J41A0228	KARUKULA UDAYKIRAN	Yes
28	18J41A0229	KASTURI RAGHUNANDAN	Yes
29	18J41A0230	KOLA SAINAVEEN GOUD	Yes
30	18J41A0231	KOPPULA LOHITH	No
31	18J41A0232	M. V.LAXMI PRASANNA	Yes
32	18J41A0233	MACHUKURU SNEHARAJ	Yes
33	18J41A0234	MAHIPATHI AKSHITH	Yes
34	18J41A0235	MARAGANI MAHATHI	Yes
35	18J41A0237	MD ABDUL TABRAZUL SOHAIL	Yes
36	18J41A0238	MYAKA VINAY REDDY	Yes
37	18J41A0239	MYAKALA SHEKAR	Yes
38	18J41A0241	NENAVATH AKHIL SAI	Yes
39	18J41A0242	NHY VAMSI	Yes
40	18J41A0244	PALLE GURU PRAVEEN REDDY	Yes
41	18J41A0245	PANTHANGI THRILOK RAJU	Yes
42	18J41A0246	PUPPALA NAVEEN	Yes
43	18J41A0247	PUTTALA ANKITHA	Yes
44	18J41A0248	R H ADI DURGA PHANEENDRA	Yes
45	18J41A0249	RAMIDI KEERTHI REDDY	Yes
46	18J41A0251	SHAIK FATHIMA BEGUM	Yes
47	18J41A0252	SHETTY SOWMYA	Yes
48	18J41A0253	SIVAKOTI ROHITHCHANDRA	Yes
49	18J41A0254	SURAM PRASHANTH	Yes
50	18J41A0255	TANDURI KRISHNA THANUJA	Yes
51	18J41A0256	THATIKANTI PRAVEEN	Yes
52	18J41A0258	THUMMA CHAKRITH SAI	Yes
53	18J41A0259	VANGALA VANITHA SRI	Yes
54	18J41A0260	YENUGANTI PRANAV GOUD	Yes
55	19J45A0201	BANDA KOTESWARA RAO	Yes
56	19J45A0202	KOTTHA RAMYA	Yes
57	19J45A0203	MANCHALA VAISHNAVI	Yes
58	19J45A0204	MANNE ANIL	Yes
59	19J45A0205	N PARTHASARADHI REDDY	Yes
60	19J45A0206	SATHELLI DEVENDER	Yes

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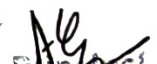
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This is to certify that Mrs./Ms./Mr. ANADLA SRAVANI bearing Roll Number 18J41A0204 has successfully completed Value added Course in "Artificial intelligence" Organized by the Department of Electrical and Electronics Engineering from 09-09-2021 to 16-09-2021.

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Coordinator

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Date: 17.09.2021

Report of Value Added Course on 'Workshop on Artificial Intelligence'

One week program on Workshop on Artificial Intelligence was organized by the department of Electrical and Electronics Engineering for IV year. The resource person of the programme Mr.O.Vamshi. The quality of life for the students are enhanced by introspect and learn techniques that imbibe ethics and morals to help the students for active and successful participation in a modern society, event was coordinated by Dr.T.Rajesh, Assoc. Professor, EEE Department from 9th Sep 2021 to 16th Sept 2021 for 60 students from IV year EEE.

After the training programme, the students learned the following,

- The basics of the artificial intelligence..
- User interfaces to improve human-AI interaction and real time decision making.
- The benefits, limitations, and tradeoffs of designing engaging and ethical conversational user interactions.
- Implementation of cognitive automation for different industries.
- AI frameworks and structures to integrate robotic process automation in business process management systems.


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Title of the Session: *Workshop on Artificial Intelligence.*

Department: *EEE*

Date of the Session: *9/9/2021 - 16/9/2021*

S.No		Excellent	Very Good	Good	Average
1	The Session Objective were stated clearly and met	✓			
2.	The Workshop was well Organized		✓		
3.	The information and / or skills presented were relevant and useful for Career		✓		
4	The presenter responded to questions effectively?		✓		
5	The overall assessment of the Session			✓	
6	The session content met your Expectations			✓	

Excellent:4 Very Good:3 Good:2 Average:1

Suggestions If any:

✓