MALLA REDDY COLLEGE OF ENGINEERING
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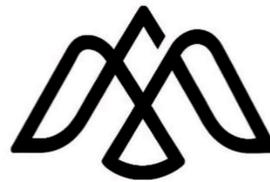
A Report of Programme

On

Python For Beginners

Organized by:

Department of CSE (AI & ML)

10th October 2022

Target Audience: Students

In association with

Institution Innovation Council and Plexus Club

Date: 10-10-2022

Mode: Offline

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ABOUT THE INSTITUTION

MALLA REDDY BLOCK-A

Malla Reddy College of Engineering (Formerly CM Engineering College) has been established under the aegis of the Malla Reddy Group of institutions in the year 2005, a majestic empire, founded by chairman Sri. Ch. Malla Reddy. He has been in the field of education for the last 22 years with the intention of spearheading quality education among children from the school level itself.

Since the beginning Mr. Malla Reddy has endeavoured to ensure quality education and carved a niche for himself by managing this group of institutions.

Malla Reddy College of Engineering has been laid upon a very strong foundation and has ever since been excelling in every aspect. The bricks of this able institute are certainly the adept management, the experienced faculty, the selfless non-teaching staff and of course the students.

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INSTITUTION VISION:

To emerge as a center of Excellence for producing professionals who shall be the leaders in technology innovation, entrepreneurship, management and in turn contribute for advancement of society and human kind.

INSTITUTION MISSION:

- To provide an environment of learning in emerging technologies.
- To nurture a state of art teaching learning process and R&D culture.
- To foster networking with Alumni, Industry, Institutes of repute and other stakeholders for effective interaction.
- To practice and promote high standards of ethical values through societal commitment.

VISION OF THE DEPARTMENT

- To teach excellence education for undergraduates in the field of Artificial Intelligence and Machine Learning in the technological-embedded domain and make professionals who help the better cause of society.

MISSION OF THE DEPARTMENT

- Impart demanding training to create knowledge through the state-of-the-art ideas and skills in Artificial Intelligence and Machine Learning.
- Facilitate the students to adapt to the rapidly changing technologies by providing cutting-edge laboratories and facilities.
- Kick off the research and training, paying special attention to the essential skills of the subsequent generation's workforce.

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ABOUT CSE (AI&ML) DEPARTMENT

The Department of CSE (Artificial Intelligence and Machine Learning) was founded in 2020 with the goal of providing high-quality higher education to as many students as possible and to satisfy the enormous need for highly trained professionals in the industry. The Department of AI&ML offers a B. Tech program in Computer Science and Engineering (Artificial Intelligence and Machine Learning). The curriculum is created to give students a firm foundation in AI and ML principles and concepts as well as practical experience in handling situations from the real world. Programming languages, computer architecture, machine learning, natural language processing, artificial intelligence, and deep learning are some of the department's core subjects. Students are continuously trained with an attitude of excellence to overcome automation challenges across all industries and provide new context and background to improve the agile process with the assistance of great laboratory facilities and well-qualified faculty members. Because of the program's interdisciplinary nature, it draws on knowledge and coursework from many different disciplines, including computer science, mathematics, and statistics. Students will have the chance to take part in research projects in addition to the required courses, both inside the department and with other departments and organizations. Students who complete the B.Tech. programme in Computer Science and Engineering (Artificial Intelligence and Machine Learning) will be well-versed in the theories and methods of AI & ML and will be qualified for employment in a range of fields and positions, including data analysis, software development, and research.

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PERMISSION LETTER FROM PRINCIPAL

To   Date: 30/09/2022

The Principal

Malla Reddy College of Engineering

Maisammaguda, Hyderabad

Subject: Permission to conduct a Workshop on

"Python for Beginners"

Respected Sir,

The Department of Computer Science and Engineering (Artificial Intelligence and Machine Learning), in association with the Plexus Club, proposes to organize a one-day workshop on "Python for Beginners" for undergraduate students on at 10 Oct 2022.

The objective of this workshop is to introduce students to the fundamentals of Python programming and to provide basic knowledge of syntax, variables, control statements, functions, and simple programming concepts. The workshop aims to enhance students' logical thinking, problem-solving skills, and interest in programming, which will be beneficial for their academic and professional growth.

Hence, we request your kind permission to conduct the above-mentioned workshop in the department premises.

Thanking you.

Yours sincerely,

Head of the Department,

CSE (AI&ML)

Malla Reddy College of Engineering

POSTER:

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ABOUT THE EVENT

"Python for Beginners"

The Department of Computer Science and Engineering(Artificial Intelligence and Machine Learning), Malla Reddy College of Engineering, successfully organized a one-day workshop on **"Python for Beginners"** on **10th Oct 2022** .The workshop was aimed at introducing students to the fundamentals of Python programming and developing a strong foundation in coding concepts.

The event witnessed enthusiastic participation from undergraduate students of various departments who were keen to learn programming skills. The workshop commenced with an introductory session highlighting the importance of Python in today's technology-driven world and its wide range of applications in fields such as web development, data science, artificial intelligence, machine learning, and automation.

The sessions were delivered by experienced faculty members who explained Python concepts in a simple and interactive manner. The workshop covered essential topics including Python syntax, variables, data types, conditional statements, loops, functions, and basic programming examples. Emphasis was given to hands-on practice, enabling participants to apply theoretical knowledge through live coding sessions.

The event was designed to help beginners overcome their fear of programming and to encourage logical thinking and problem-solving skills. Students actively participated in discussions and practical exercises, making the workshop engaging and effective.

Overall, the **"Python for Beginners"** workshop served as an excellent learning platform for students to gain basic programming knowledge and motivated them to further explore Python and advanced computing technologies.

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WORKSHOP – AIM, PURPOSE AND IMPORTANCE

AIM

The aim of the workshop on **"Python for Beginners"** is to introduce students to the fundamentals of Python programming and to develop a strong foundation in coding concepts. The workshop focuses on enhancing students' logical thinking, problem-solving abilities, and programming skills by familiarizing them with basic Python syntax and applications. It aims to create interest among students in programming and prepare them for advanced learning in computer science and emerging technologies.

PURPOSE

The purpose of this workshop is to provide a comprehensive learning platform for beginners to understand the core concepts of Python programming. The workshop enables participants to:

- Understand the basics of Python programming and its real-world applications.

- Gain practical exposure to Python syntax, variables, data types, control statements, loops, and functions.

- Develop the ability to write simple Python programs and solve basic computational problems.

- Build confidence in coding through hands-on practice sessions.

- Encourage analytical thinking and logical reasoning skills among students

IMPORTANCE

The **"Python for Beginners"** workshop holds significant importance as it:

- Helps students take their first step into the world of programming.

- Provides a strong foundation for learning advanced topics such as data science, artificial intelligence, machine learning, and web development.

- Enhances students' technical skills, which are essential for academic success and career growth.

- Promotes interest in coding and self-learning among students.Prepares students to meet industry requirements by equipping them with essential programming knowledge

Summary:

The Programme on **"Python for Beginner"**, organized by the Department of CSE (Artificial Intelligence & Machine Learning), Malla Reddy College of Engineering (MRCE), was conducted entirely through **offline** from **10th October 2022**.

The workshop was designed to introduce students to the fundamentals of Python programming and to build a strong foundation in coding for beginners.

To ensure smooth communication and timely updates throughout the workshop, participants were informed in advance about the schedule and session details. The workshop sessions were structured to provide both theoretical knowledge and hands-on practical exposure. Participants were encouraged to actively engage in discussions and coding exercises during the sessions.

The workshop covered essential Python concepts including basic syntax, variables, data types, conditional statements, loops, functions, and simple programming examples. Emphasis was placed on practical implementation to help participants understand programming logic and problem-solving techniques.

Overall, the **"Python for Beginners"** workshop was informative and effective in enhancing participants' programming skills. The event successfully motivated students to pursue further learning in Python and advanced computing technologies.

Conclusion

The workshop on **"Python for Beginners"** concluded successfully with a rich blend of conceptual understanding, practical exposure, and interactive learning. The sessions conducted during the workshop provided participants with a comprehensive introduction to Python programming, enabling them to understand fundamental concepts such as syntax, variables, data types, control structures, loops, and functions in a systematic manner.

The resource persons delivered the sessions effectively by combining theoretical explanations with live coding demonstrations. This approach helped participants clearly understand programming logic and apply concepts through hands-on practice. The workshop created a supportive learning environment where beginners were encouraged to ask questions, participate in discussions, and actively engage in coding exercises.

The workshop significantly enhanced the confidence of participants by reducing their apprehension toward programming and developing their problem-solving and logical thinking skills. Participants gained the ability to write simple Python programs independently and developed an interest in exploring advanced topics such as data science, machine learning, artificial intelligence, and software development.

Overall, the **"Python for Beginners"** workshop successfully achieved its objective of laying a strong foundation in programming for students. The programme not only strengthened participants' technical skills but also motivated them to adopt a continuous learning approach in the field of computing. The successful completion of this workshop marks an important step toward nurturing competent, skilled, and technology-ready learners prepared to meet academic and industry challenges

Malla Reddy college of Engineering

feedback on National Level Workshop -Title: Workshop on " Python for Begineers " on 10th Oct 2022

s no	Regd no	Student Name	Dept	Sec	Year	Practical Sessions	I feel confident in applying the concepts learned.	Clarity of Explanation
1	21Q91A6606	ARJUNAPUDI SAITEJA	csm	a	II	Moderately Helpful	Agree	5
2	21Q91A6607	ATHUKURI VENKATA NITHIN	csm	A	II	Helpful	Strongly Agree	5
3	21Q91A6608	B L BHARANI	csm	A	II	Slightly Helpful	Neutral	4
4	21Q91A6609	BASVA ESHWAR	csm	A	II	Helpful	Agree	3
5	21Q91A6610	BERELLI SRI KANTH	csm	A	II	Helpful	Strongly Agree	5
6	21Q91A6611	BODA ABHINAYA	csm	A	II	Slightly Helpful	Neutral	3
7	21Q91A6612	BUDDARAM SAI TEJA	csm	A	II	Highly Helpful	Strongly Agree	4
8	21Q91A6666	B SRESHTA	csm	B	II	Helpful	Neutral	4
9	21Q91A6667	BADDAM SRI CHARAN REDDY	csm	B	II	Slightly Helpful	Neutral	3
10	21Q91A6668	BESTHA LIKHITH	csm	B	II	Helpful	Agree	5
11	21Q91A6669	BHEEMAGANI LOKESH	csm	B	II	Slightly Helpful	Neutral	3
12	21Q91A6670	BIBINAGAR KARAN	csm	B	II	Helpful	Disagree	2
13	21Q91A6671	BOOSI NARESH	csm	B	II	Highly Helpful	Strongly Agree	5
14	21Q91A6672	CHERUKURI GREESHMA	csm	c	II	Helpful	Neutral	3
15	21Q91A66F6	MUPPARAPU HYNDHAVI	csm	c	II	Helpful	Neutral	4
16	21Q91A66F7	MUTHA GAYATHRI	csm	c	II	Slightly Helpful	Agree	3
17	21Q91A66F8	NANNEBOINA SRINIVAS	csm	c	II	Highly Helpful	Strongly Agree	5
18	21Q91A66F9	NARUMALLA KUSUMA	csm	c	II	Helpful	Agree	3
19	21Q91A66G0	NIDAMANURI KEERTHIKA CHOWDARY	csm	c	II	Moderately Helpful	Disagree	3
20	21Q91A66G1	PALVANCHA YASHWANTH NAGA SAI MANOJ	csm	c	II	Helpful	Strongly Agree	4
21	21Q91A66G3	PERAM BHARGAV REDDY	csm	c	II	Helpful	Agree	4
22	21Q91A66G4	PUNEM VAMSHI KRISHNA	csm	c	II	Highly Helpful	Agree	3
23	21Q91A1207	ARKALA ARAVINDH	IT	A	II	Highly Helpful	Strongly Agree	4
24	21Q91A1208	B CHANDRIKA	IT	A	II	Slightly Helpful	Agree	3
25	21Q91A1209	KANNA SAI GOPI BATHULA	IT	A	II	Moderately Helpful	Agree	5

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ATTENDANCE SHEET

Title: Workshop on " Python For Beginners"
Organise by: CSE (AIML) and in association with IIC and PLEXUS
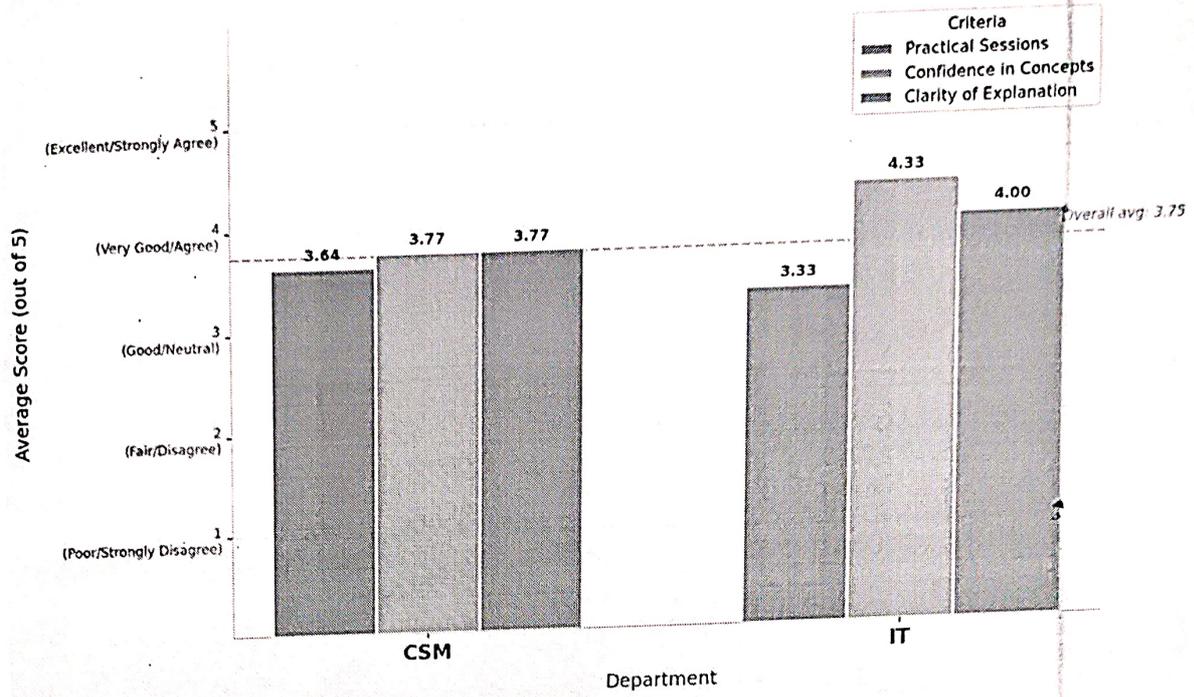Date:10th Oct 2022   Start Time: 10.10AM, End time: 3.30 PM
Venue: MRCE Seminar Hall (Inauguration)   Sessions: Main Block. 311 Lab
List of Students Participated in Workshop on **Python For Beginners .**

S.No		Name	Dept.	Year	Section	Signature
1	21Q91A6606	ARJUNAPUDI SAITEJA	CSM	II		Saiteja
2	21Q91A6607	ATHUKURI VENKATA NITHIN	CSM	II		Venkata
3	21Q91A6608	B L BHARANI	CSM	II		Bharani
4	21Q91A6609	BASVA ESHWAR	CSM	II		Eshwar
5	21Q91A6610	BERELLI SRI KANTH	CSM	II		SriKanth
6	21Q91A6611	BODA ABHINAYA	CSM	II		B.Abhinaya
7	21Q91A6612	BUDDARAM SAI TEJA	CSM	II		B. Teja
8	21Q91A6666	B SRESHTA	CSM	II		
9	21Q91A6667	BADDAM SRI CHARAN REDDY	CSM	II		
10	21Q91A6668	BESTHA LIKHITH	CSM	II		Likhith
11	21Q91A6669	BHEEMAGANI LOKESH	CSM	II		Lokesh
12	21Q91A6670	BIBINAGAR KARAN	CSM	II		Bharan
13	21Q91A6671	BOOSI NARESH	CSM	II		Naresh
14	21Q91A6672	CHERUKURI GREESHMA	CSM	II		Ch.Greeshma
15	21Q91A66F6	MUPPARAPU HYNDHAVI	CSM	II		M.Hyndhavi
16	21Q91A66F7	MUTHA GAYATHRI	CSM	II		M.Gayathri
17	21Q91A66F8	NANNEBOINA SRINIVAS	CSM	II		Srinivas
18	21Q91A66F9	NARUMALLA KUSUMA	CSM	II		N.Kusuma
19	21Q91A66G0	NIDAMANURI KEERTHIKA CHOWDARY	CSM	II		Keerthika chowdary
20	21Q91A66G1	PALVANCHA YASHWANTH NAGA SAI MANOJ	CSM	II		Yashwanth
21	21Q91A66G3	PERAM BHARGAV REDDY	CSM	II		Bhargav Reddy
22	21Q91A66G4	PUNEM VAMSHI KRISHNA	CSM	II		Vamshi
23	21Q91A1207	ARKALA ARAVINDH	CSM	II		Aravindh
24	21Q91A1208	B CHANDRIKA	CSM	II		Chandrika
25	21Q91A1209	KANNA SAI GOPI BATHULA	CSM	II		Gopi

Workshop Feedback – "Python for Beginners" (10 Oct 2022)
Average Scores by Department

Criteria
- Practical Sessions
- Confidence in Concepts
- Clarity of Explanation

Average Score (out of 5)

5 (Excellent/Strongly Agree)
4 (Very Good/Agree)
3 (Good/Neutral)
2 (Fair/Disagree)
1 (Poor/Strongly Disagree)

CSM: 3.64 3.77 3.77
IT: 3.33 4.33 4.00

Overall avg: 3.75

Department

A National level Student workshop on "Python for Beginners" Successfully organized and completed with support of convenor, co-convenor, Organizers

Signature

Patron/ Principal :

Convenor :

Co-Convenors : Mandla .S

Student Coordinators :

THANK YOU!!