DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Student Development Program

On

"PYTHON AND GUI"

19/01/23 TO 21/01/2023

Resource Person
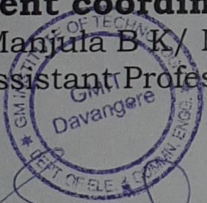
Cogrts!

Mr. Mahesh Deginal
Managing Director
Karunadu Technologies Private Limited
Bengaluru

Event coordinators
Mrs. Manjula B K / Mrs. Akshata Chavan
Assistant Professor

Verified By
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07/02/23

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Principal

Checked by
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IQAC Director
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Report on 3-day Student Development Program of "Python and GUI"

The python language is one of the most accessible programming languages available because it has simplified syntax and not complicated, which gives more emphasis on natural language. Due to its ease of learning and usage, python codes can be easily written and executed much faster than other programming languages. Python is the best programming language in the tech industry. Starting from machine learning to web development, the Python language finds uses in industries and companies. It is an interpreted, object-oriented, and high-level programming that is also among the world's fastest-growing programming languages and is used by software engineers, mathematicians, data analysts, scientists, students, and other professionals. Python is used in big data and machine learning research purposes to enhance development in those fields. Python is extremely useful in the AI domain and is also used in robotics and other tech advancements, besides data science.

To enhance the programming and technical skills in students Electronics and Communication Engineering Department of GMIT organized 3 day student development program on Python and GUI in collaboration with **Karunadu Technologies Private Limited, Bengaluru from 19/01/23 to 21/01/23.**

Karunadu Technologies Private Limited is a leading IT software solutions and services industry focusing on quality standards and customer values, offering broad range of customized software applications powered by concrete technology and industry expertise. A team of skilled engineers from Karunadu Technologies Private Limited conducted workshop for 3rd semester ECE students.

On 19/01/23, the workshop was inaugurated by watering the plant from Resource Person **Mr. Mahesh Deginal** Managing Director Karunadu Technologies Private Limited, Principal **Dr. Sanjay Pande M B,** GMIT, **Dr. Praveen J**, Director IQAC, Professor and Head E&CE Department GMIT, **Mrs. Manjula B K** and **Mrs. Akshata Chavan** coordinators and by 4 of the participants and everyone addressed the students.

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During the first session on 19th f January from 10.45 AM to 01.00 PM resource person **Mr. Mahesh Deginal**, explained about the, Introduction to Python, Objectives, using python notebook, Learning goals and Statements and Keywords.

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In 2nd session from 2.00 PM to 4.30 PM the resource person explained about the Conditional statements, Loops, Data types and Operators.

On day 2 i.e. 20/01/23 the morning session from 9.00 AM to 12.30 PM resource person **Mr. Mahesh Deginal**, explained about Data structure, Loop Statements, Functions, Python MatPlotlib and Files. The Afternoon Session was Completely Hands on Session for Participants to write program on real time examples.

Third day session was conducted on 21/01/23. The morning session from 9.00 AM to 12.30 PM the resource person explained about introduction to GUI and Features and elements of GUI. Students involved in workshop with great enthusiasm and were able to execute the programs. Same day the afternoon from 2.00pm to 4.30 pm the students executed programs.

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The workshop was concluded with a valedictory function. During the function **Dr. Praveen J**, Professor and Head ECE Department, GMIT., addressed the gathering. Students improved their programming skills. Participants gave good feedback on workshop.

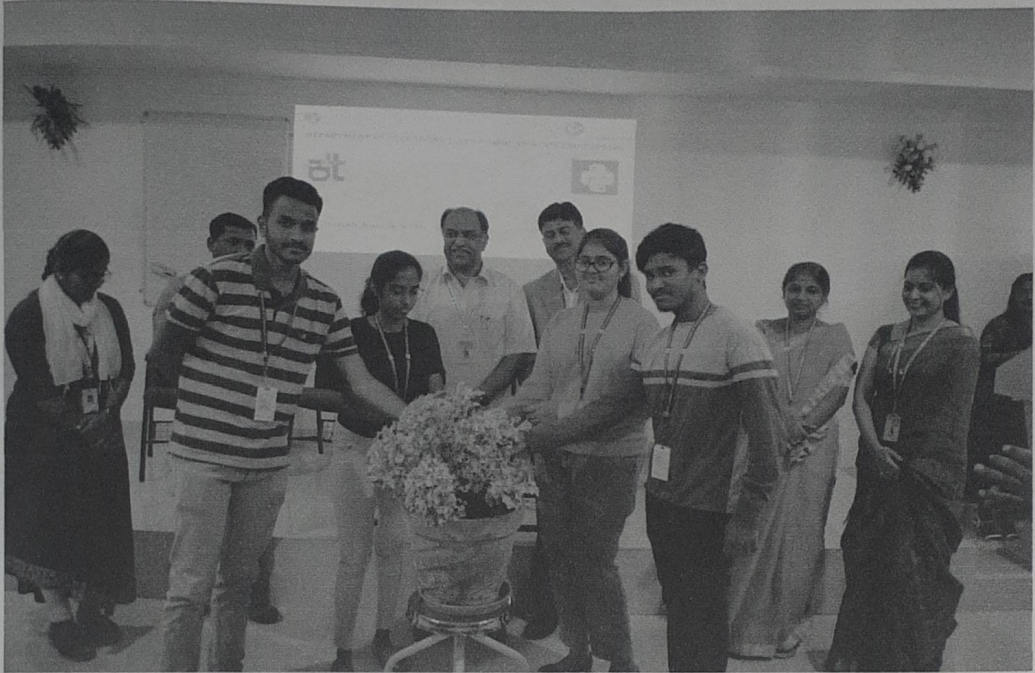Srishyla Educational Trust (R)

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