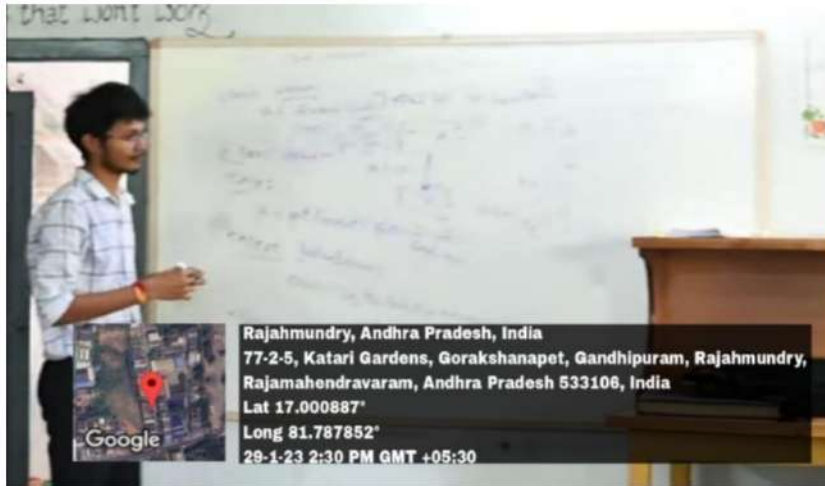1. **BASICS OF C-LANGUAGE by J. Naresh kumar**

   On 6th January 2023, Aditya degree college , Rajahmundry organized a program on Basics of C-Language for the students of B.sc/BBA/BCA/B.Com to enhance their knowledge on the c-language. The C programming language is fundamental to computer science and software development. This program report aims to outline strategies for teaching the basics of C language effectively, catering to beginners and aspiring programmers. The trainer, J. Naresh Kumar said that C is the foundation upon which many other programming languages are built, providing essential concepts and principles This program helps to cultivate problem-solving skills through hands-on programming exercises by knowledge on c-language. He concluded the session by saying that mastering the basics of C language provides a solid foundation for aspiring programmers and opens doors to various opportunities in computer science and software development.

2. **CLOUD COMPUTING by K. Siva prasad**

On 10th February, 2023, Aditya degree college , Rajahmundry organized a Training program on cloud computing for the students of B.sc/BBA/BCA/B.Com to enhance their knowledge on new advancements of technology.This program report aims to elucidate the significance of cloud computing. Mr. K. Siva Prasad, HOD of computer department, KL University said that Cloud computing is a flexible thing which enables users to access data and applications from anywhere with an internet connection, fostering collaboration and productivity. Cloud computing allows organizations to adjust computing power, storage, and bandwidth according to demand. This Program gave students an understanding of cloud computing, covering its concepts, technologies, use cases, challenges, future trends, and real-world applications. It serves as a valuable resource for individuals, businesses, and organizations looking to leverage the power of cloud computing in today's digital landscape.

3. **ARTIFICIAL INTELLIGENCE by D. Bhargav Krishna**

On 29 th January , 2023, Aditya degree college , Rajahmundry organized a Training program on Artificial Intelligence for the students of B.sc/BBA/BCA/B.Com on 10th February tofoster their knowledge on AI tools. This program report serves as a comprehensive overview of the artificial intelligence program, highlighting key concepts, applications, challenges, and future directions discussed during the session. In this Program, Mr. Bhargav has said that importance of learning new technology and its impact on career growth. He said that AI has both advantages and disadvantages and one need to becareful while using AI tools. It provides valuable insights and recommendations for students who are interested in leveraging AI technologies for innovation and growth.

4. CYBER SECURITY by N. Sanjay

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On 18th November 2023, Aditya degree college , Rajahmundry organized a Training program on Cyber security for the students of B.sc/BBA/BCA/B.Com.

This program report provides a comprehensive overview of the cyber security program, highlighting key concepts, technologies, best practices, case studies, and participant feedback. In this program, Mr. N. Sanjay , ADGP, has given suggestions for their problems. Cyber security is a topic which is really helpful for today's youth as they are more connected in internet than with humans. He said that every individual must aware of the internet threats ad challenges and be aware of the solutions too. It serves as a valuable resource for students seeking to enhance their cybersecurity knowledge and capabilities in an ever-evolving threat landscape.

5.   Python Programming by P. Ramakanth

On 8th April 2023, Aditya degree college , Rajahmundry organized a **Workshop on Python Programming** for the students of B.sc/BBA/BCA/B.Com.This program report provides a comprehensive overview of the cyber security program, highlighting Python is a general-purpose programming language suitable for software developers, programmers, and data scientists. Its versatility and ease of use have propelled Python to the top of the long list of programming languages, alongside C and Java. The scope of Python's functionality, from back-end web and mobile app development to scientific computation and machine learning, is wider than that of many other programming languages. Students also learnt that Python is a high-level, interpreted, interactive, and object-oriented scripting language. Python was designed to be highly readable which uses English keywords frequently whereas other languages use punctuation and it has fewer syntactical constructions than other languages It is used in : Software Development, Web Development, System Scripting, Data science And Mathematics