

## “Workshop on Cyber Security – 2023”



**AKSHAYA INSTITUTE OF TECHNOLOGY,  
TUMAKURU**

Approved by AICTE, New Delhi, Affiliated to VTU, Belagavi,  
Obalapura Post, Lingapura, Koratagere Road, Tumkur- 572 106,



**Department of Computer Science & Engineering**

Workshop on

**Cyber Security**

by,

**Dr Gururaj H L**

**Manipal Institute of Technology, Bengaluru**

**Chief Guests :**

**Dr. K V Sreenivas Rao**  
Principal, AIT, Tumakuru

**Dr Yathisha L**  
Dean, AIT, Tumakuru

**Dr Pushpa R**  
Professor & Head, Dept. of CSE, AIT,  
Tumakuru

**Faculty Coordinators :**

**Ms Trupthi V**  
Assistant Professor, Dept. of CSE

**Date: 24/11/2023**

**Time: 11 am onwards**

**Mrs. Ashwini Singh S**  
Assistant Professor, Dept. of CSE

**Venue:**

**Radha Krishna Auditorium, AIT, Tumakuru**

The Department of Computer Science & Engineering organized a Workshop on Dated 24/11/2023 Time at 11.00 AM.

### Report:

Department of Computer Science & Engineering with had organized Augmented reality Cyber Security workshop session on 24th November at Akshaya Institute of Technology, Tumakuru .Event started at 11:00AM. Mrs. Trupthi V were invited as chief guests. Event was coordinated by Mrs. Ashwini Singh S Assistant professor dept of cse and Mrs. Trupthi After welcoming professors and students Mrs. Trupthi V. introduced the topic. Mrs. Ashwini Singh S also shared the importance of such events. Almost 65 Students were present in this event.



# AKSHAYA INSTITUTE OF TECHNOLOGY

Lingapura, Obalapura Post, Koratagere Road, Tumakuru - 572106

# NEWSLETTER

Department of Computer Science Engineering

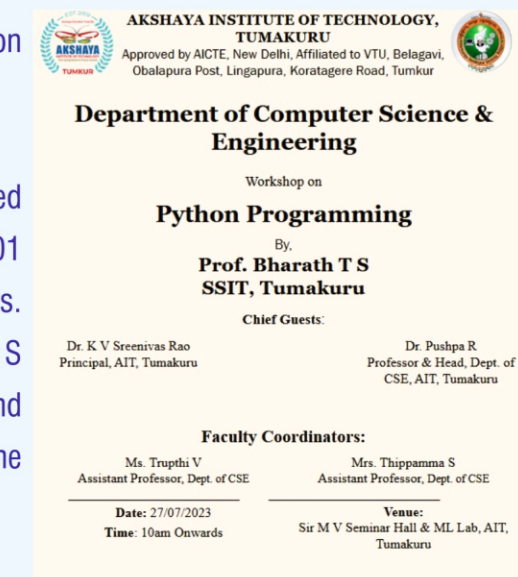
## “Workshop on python Programming – 2023”

The Department of Computer Science & Engineering organized a Workshop on Dated 27/07/2023 Time at 10.00 AM.

### Report:

Department of Computer Science & Engineering with IIC cell had organized Augmented reality Python Programming workshop session on 27th july in LH-401 at Akshaya Institute of Technology, Tumakuru .Event started at 10:00AM. Mrs. Trupthi V was invited as chief guests. Event was coordinated by Mrs. Thippamma S Assistant professor dept of cse and Mrs. Trupthi V. After welcoming professors and students Mrs. Trupthi V. introduced the topic. Mrs. Thippamma S also shared the importance of such events.

**Almost 65 Students were present in this event.**



## FACULTY LIST

SL.NO	Faculty Name	Designation	Qualification
1	Dr.Pushpa R	Prof & HOD	M.Tech.,PhD
2	Dr Suhas G K	Professor	M.Tech.,PhD
3	Dr Nazia Sulthana G	Associate Professoor	M.Tech.,PhD
4	Mr.Rakesh S	Assistant Professor	B.E.,M.Tech
5	Mrs. Ashwini Singh S	Assistant Professor	B.E.,M.Tech
6	Mrs. Kerrthishree P V	Assistant Professor	B.E.,M.Tech
7	Mr. Karthik H D	Assistant Professor	B.E.,M.Tech
8	Mr. Pradeep S	Assistant Professor	B.E.,M.Tech
9	Ms .Trupti V	Assistant Professor	B.E.,M.Tech
10	Mrs. Thippamma S	Assistant Professor	B.E.,M.Tech
11	Mr.Kemparaju C	Assistant Professor	B.E.,M.Tech
12	Mr.Charan S N	Assistant Professor	B.E.,M.Tech
13	Mrs,Veena O S	Assistant Professor	B.E.,M.Tech
14	Mrs.Asha D	Assistant Professor	B.E.,M.Tech
15	Mrs.Sujatha G S	Assistant Professor	B.E.,M.Tech
16	Ms.Sowjanya R N	Assistant Professor	B.E.,M.Tech
17	Mrs.Shilpa M	Assistant Professor	B.E.,M.Tech
18	Ms.Navyashree R	Assistant Professor	B.E.,M.Tech
19	Mr.Milan	Assistant Professor	B.E.,M.Tech
20	Mrs.Manasa M S	Assistant Professor	B.E.,M.Tech
21	Mrs. Ramya H R	Assistant Professor	B.E.,M.Tech
22	Mrs. Gnanamani H	Assistant Professor	B.E.,M.Tech



**Editorial Committee**

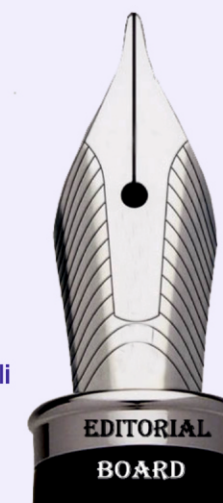
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Assistant Professor

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4th Sem Section A



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## Benefits of Choosing Computer Science Engineering

### Excellent Career Prospects:

The demand for professionals in Computer Engineering continues to grow, giving Computer Science students a span chance of securing employment. Campus placements are another effective way for them to connect with potential employers. The CSE colleges in Guntur provide robust preparation and outstanding placement opportunities, setting the stage for a successful career.

### Lucrative Income Potential:

It is one of the highest-paid professions in the world because a company cannot keep pace with technological development without the participation of a computer scientist. There is a shortage of qualified professionals in areas like cybersecurity and artificial intelligence; therefore, many interesting job opportunities exist. Some fields, such as data technology, robotics, and machine learning, are continuously improving; therefore, they are increasing the demand for computer engineers.

### Diverse Job Opportunities Across Industries:

Computer science classes enable students to gain intense quantitative and analytical skills relevant in many technical fields. They can therefore find employment in any industry, some of which include education, health, finance, trading, science, manufacturing, and transportation. Software development in one way or another almost covers all sectors; computer scientists are the ones bound to ensure that everything works properly.

### Global Career Opportunities:

The influence of computers and computer scientists spans the globe. It's no surprise that many who study computer science find ample job opportunities abroad. This global demand allows professionals to acquire essential skills and showcase their abilities on an international stage, advancing their careers. Earning a degree from one of the CSE colleges in Guntur can help you climb the career ladder.

### The Flexibility of Remote Work:

The courses in computers provide the students with firm quantitative and analytical skills applicable in every technical area. Because of this, computer science graduates can be employed in practically any industry: from education to health care, finance, trading, science, manufacturing, and transportation. Software engineering applies to every sector; hence, the computer scientists will aid in streamlining processes in all sectors.

### Earning While Learning:

Computer scientists have an advantage over other developers, as they can often work while still pursuing their studies. Opportunities in IT support, web development, and other related fields are commonly available locally, allowing students to gain valuable experience and income while completing their education.

### What Does CSE Engineering Cover?

As the name suggests, computer science engineering is a study that encompasses the theory of computation and the design and implementation of computational systems. This is a course which is offered all over the globe in the best of the technical institutions and a student can do graduation as well as post-graduation degrees.

As part of the computer science and engineering programme, students learn about developing hardware and software systems for computers and gain ample knowledge of communication systems and other similar devices. This is also one of the reasons why CSE engineering graduates are best suited for robotics research.

### Scope of Computer Science Engineering?

The scope of computer science engineering is vast because: Need for new devices and software: With the advancement of technology, the world is paralyzed without innovative devices coming up. That is the reason why there will be the need for immense manpower who are skilled in the field of computer science.

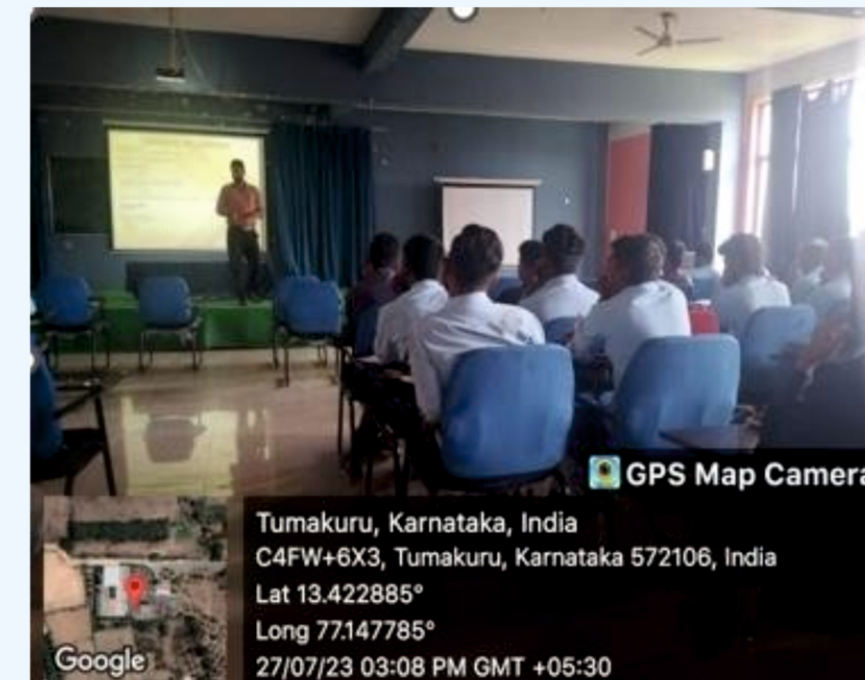
IT hubs require experts: With every passing date, the number of software companies and IT hubs like Silicon Valley is increasing, and therefore there is an increasing demand for skilled professionals and CSE experts.

Experts required for cloud computing: With the trending concepts like cloud computing, the future technologies are depending on it and most of the companies are looking for a specialist who can hand give the entire segment of cloud computing and help in the progression of the business.

Job in telecommunications: With the Rise in digitalization, telecommunication systems are depending on computer services and that is the reason why computer engineers are employed in this field.

**Transportation services:** With the resurfacing of the GPS services transportation services are in dire need of computer science engineers.

**The manufacturing unit of computers:** Needless to say, no one other than the computer science engineers will know how to build computers in the best possible manner. There is a reason why most of the major Fortune 500 computer manufacturing companies are looking forward to hiring more and more efficient computer science engineers.



Then firstly, Prof. Bharath T. S., Assistant Professor, delivered an insightful review on Python programming, highlighting its versatility and widespread applications. He began by emphasizing Python's simplicity and ease of learning, making it ideal for beginners and professionals alike. The session covered Python's core features, including its dynamic typing, extensive standard libraries, and support for multiple paradigms like object-oriented, procedural, and functional programming. Prof. Bharath provided an overview of Python's role in diverse fields such as data science, artificial intelligence, web development, and automation. He also demonstrated Python's effectiveness through real-world. Concluded the Event by vote of thanks from Mrs. Trupthi V Assistant professor Dept of CSE, Akshaya Institute of Technology, Tumakuru.

### Feedback:

The workshop received overwhelmingly positive feedback from participants. Many expressed their appreciation for the practical approach taken in delivering the content. Participants found the hands-on activities particularly beneficial in reinforcing the concepts discussed.

### Conclusion:

Prof. Bharath T. S. effectively highlighted Python's simplicity, versatility, and its significant role in modern programming applications. He emphasized its adaptability across domains such as data science, AI, and web development. The session provided participants with valuable insights into Python's features and best practices. His practical examples and clear explanations helped demystify complex concepts. Overall, the review inspired participants to explore Python further and leverage its potential in real-world scenarios.