From,

Mahesha S HOD, Dept of Computer Science and BCA SSCASCW, Tumkur

To,

The Principal SSCASCW, Tumkur

#### **Through IQAC Co-Ordinator**

Respected Sir,

### Subject: Requisition for Conducting Guest Lecture.

With Respect to above Subject, the department of Computer Science and BCA wants to organize a Guest Lecture on "Principles of Programming language" on 16<sup>th</sup> December 2024 at Akkamahadevi Seminar Hall,so I kindly request you to give permission for the same and oblige.

Thanking you

Yours Faithfully

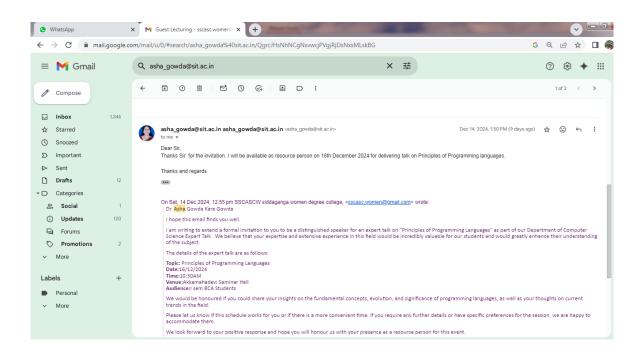


Sanand-1 Co-ordinator IQAC/NAAC SSCASCW, Tumkur

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PRINCIPAL<sup>F</sup> Sree Siddaganga College of Aris. Science and Commerce for Women, B.H. Road, TUMKUR.

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<ul> <li>Snoozed</li> <li>∑ Important</li> </ul>	Dr. <mark>Asha</mark> Gowda Kare Gowda I hope this email finds you well.
▷ Sent           Drafts         12	I am writing to extend a formal invitation to you to be a distinguished speaker for an expert talk on "Principles of Programming Languages" as part of our Department of Computer Science Expert Talk. We believe that your expertise and extensive experience in this field would be incredibly valuable for our students and would greatly enhance their understanding of the subject.
	The details of the expert talk are as follows:
의 Social 1 ① Updates 120 고 Forums	Topic Principles of Programming Languages Date: 15/12/2024 Time:10:30AM Venue:Akkamabadevi Seminar Hall Audiencei: Jem BCA Students
Promotions 2	We would be honoured if you could share your insights on the fundamental concepts, evolution, and significance of programming languages, as well as your thoughts on current trends in the field.
✓ More	Please let us know if this schedule works for you or if there is a more convenient time. If you require any further details or have specific preferences for the session, we are happy to accommodate them.
Labels +	We look forward to your positive response and hope you will honour us with your presence as a resource person for this event. Thank you for considering our invitation. We are confident that your contribution will be an invaluable experience for our students.
<ul> <li>Personal</li> <li>More</li> </ul>	Warm regards, Maheshan S HOD Department of Computer Science SSCASCW, Tumkur



#### **PROGRAM REPORT**

An enlightening expert talk on the "Principles of Programming Language" was held on 16th December 2024 at Akkamahadevi Seminar Hall from 10:30 AM to 12:30 PM. The event was graced by an esteemed expert in the field of computer science and programming.

The expert talk focused on the principles of programming languages, discussing their role in shaping modern software development practices. The session began with an introduction to the concept of programming languages and their significance in problem-solving, software development, and system architecture.

The speaker started by explaining the history of programming languages, from early machine code and assembly language to modern high-level languages. They discussed how languages like FORTRAN and COBOL paved the way for today's more complex and user-friendly languages. The speaker then explained two key components of programming languages: syntax, which is the structure and rules for writing programs, and semantics, which is about the meaning and behaviour of the code. They demonstrated how understanding semantics helps create better algorithms and provided examples of common errors.

The discussion also covered different programming paradigms, including imperative, declarative, object-oriented, functional, and logic programming, highlighting the strengths and weaknesses of each. The speaker shared important principles for designing languages, such as readability, writability, efficiency, and portability, which help create effective and user-friendly programming languages.

Recent trends in programming languages, such as multi-paradigm languages, parallel programming, and domain-specific languages (DSLs), were also discussed. The speaker stressed the importance of continuous learning to keep up with new technologies. After the talk, they answered questions from the audience about programming language selection, debugging, and career opportunities in the field of programming languages.

The expert talk concluded with encouragement for the participants to explore various programming languages and understand the underlying principles to become better software developers. The speaker reiterated the importance of grasping the foundational concepts of programming languages as they form the core of any advanced software development endeavour.

The session was well-received by the audience, who expressed their appreciation for the depth of knowledge shared and the practical insights provided. The event was a great success, fostering a deeper understanding of the principles that guide modern programming languages.

#### **Total Number of Students Participated = 79**



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## SREE SIDDAGANGA COLLEGE OF ARTS SCIENCE AND COMMERCE FOR WOMEN

B H Road, Tumkur-572102, Karnataka (Re-accredited by NAAC with B+ grade, Affiliated to Tumkur University, Approved by AICTE)

**DEPARTMENT OF COMPUTER SCIENCE** 

In association with IQAC

## Expert Talk On Principles of Programming Languages

Resource Person Dr. Asha Gowda Karegowda Associate Professor, Dept. of MCA, SIT, Tumkur

#### **Presided by**

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Dr. H.M. Dakshinamurthy Principal, SSCASCW, Tumkur

Presence

**Prof. G. Chidananda Murthy** IQAC Coordinator and HOD, Dept. of Botany & Microbiology

Mahesha S

HOD, Dept. of Computer Science

Venue: Akkamahadevi Sabhangana, SSCASCW, Tumkur

DATE: 16-12-2024 Monday

Time: 10:30 AM

Staff and Students Dept. of Computer Science Mahesha S HOD Dept. of Computer Science

ALL ARE CORDIALLY INVITED

Sree Siddaganga College of Arts, Science and Commerce for Women, Tumkur.

## Department of Computer Science

Expert talk on "Principles of Programming Language"

Date : 16/12/2024

Time : 10.30 am

Venue: Seminal Hall

# PROGRAM SCHEDULE

Welcome Speech	:	Sheela B V
Guest Introduction	:	Amulya J
Presidential Speech	:	Dr. H. M. Dakshinamurthy
Vote of Thanks	÷	Mounika B
Technical Session	:	Dr. Asha Gowda Karegowda
Anchoring	:	Varsha Shetty H N

MAHESHA. S HOD of Computer Science Sree Siddaganga College of Arts Science and Commerce for Wolfs of B.H. Road, Tumakuru-572102.

## Sree Siddaganga College of Arts, Science and Commerce for Women, Tumkur.

# Department of Computer Science

Date: 14-12-2024

#### Memo

The department has organised a expert talk on" Principles of programming language" by Dr.Asha Gowda Kare Gowda, on 16<sup>th</sup> December 2024 at 10.30am at Akkamahadevi Sabhangana .

Students are informed to attend the program without fail

I - BCA #11/12/24

MAHESHA. S HOD of Computer Science Sree Siddaganga College of Science and Commerce for B.H. Roed, Tumakuru-

## **Expert Talk Event Photo Gallery**



HOD Mahesha S with resource person Dr.Asha gowda Karegowda at the expert talk program



Resource Person Dr.Asha gowda Karegowda engaging with participants during the program.

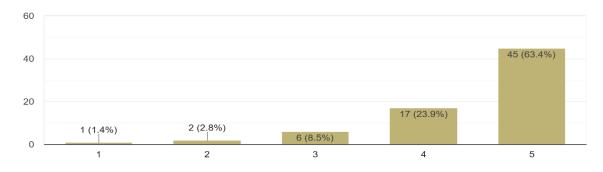
#### **Feedback From Students**

Section 1 of 2

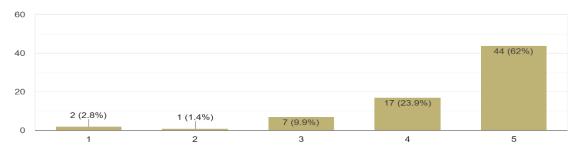
# Feedback Form for expert talk on principle of programming language

#### How satisfied were you with the event?

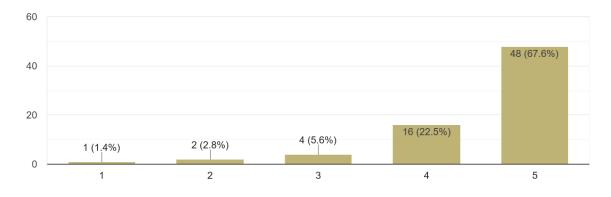
71 responses



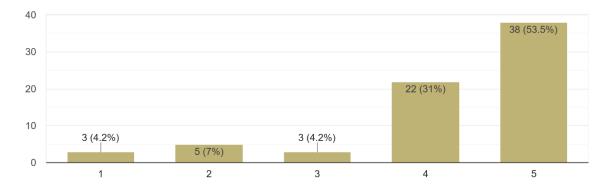
#### How relevant and helpful do you think it was for your course or area of interest? 71 responses



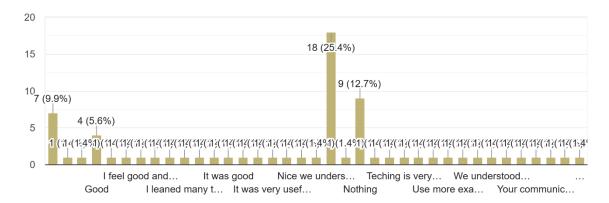
How would you rate the speaker's presentation skills ? 71 responses



Did the session enhance your understanding of programming language principles? 71 responses



Any suggestions regarding the event? 71 responses



		OF COMPUTER SCIENCE.			
EXPERT TALK ON PPL(16-12-2024) STUDENT ENROLLMENT LIST					
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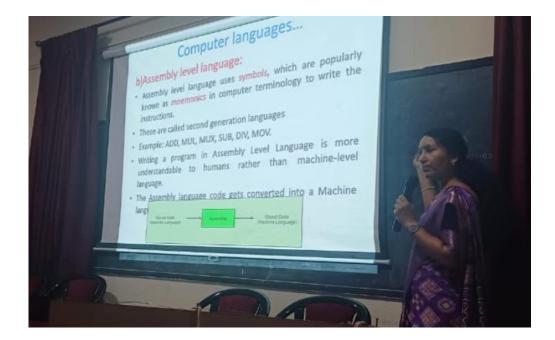
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MAHESHA, S HOD of Computer Science Stee Siddaganga College of Arts Science and Commerce for Women B.H. Read Turner

## **Event Photo Gallery**









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MATHESHA. S HOD of Computer Science Sree Siddaganga College of Arts Science and Commerce for Women B.H. Road, Tumakuru-572102.

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