

**St. Paul's College, Kalamassery**  
Affiliated to Mahatma Gandhi University

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# DEPARTMENT OF COMPUTER SCIENCE ANNUAL REPORT 2024-2025

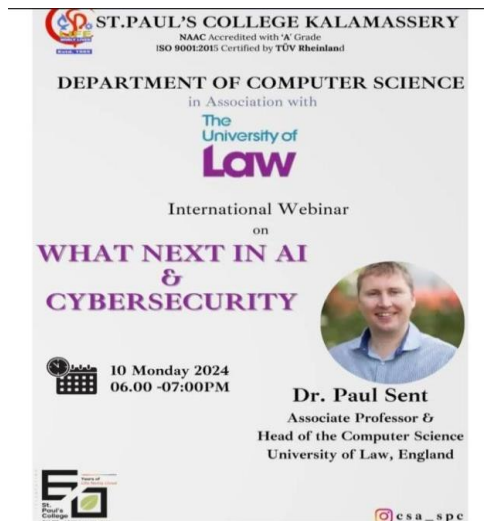
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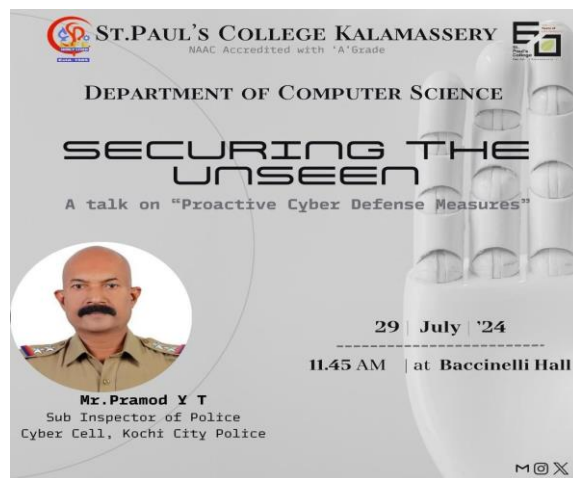
## WHAT IS NEXT IN AI AND CYBER SECURITY

The International Webinar on "What Next in AI & Cyber Security" was hosted by the Department of Computer Science on 10/06/2024, featuring Dr. Paul Sent, Head of Computer Science at the University of Law, England, as the keynote speaker. The event focused on exploring the latest advancements in artificial intelligence and their implications for the future of cybersecurity. Dr. Sent provided deep insights into emerging AI technologies, their integration with cybersecurity measures, and the ethical challenges posed by these innovations. Participants from various academic and professional backgrounds attended the session, engaging in discussions on the evolving landscape of AI-driven cybersecurity. The webinar highlighted the critical need for continued research and adaptation in the face of rapidly advancing technologies.



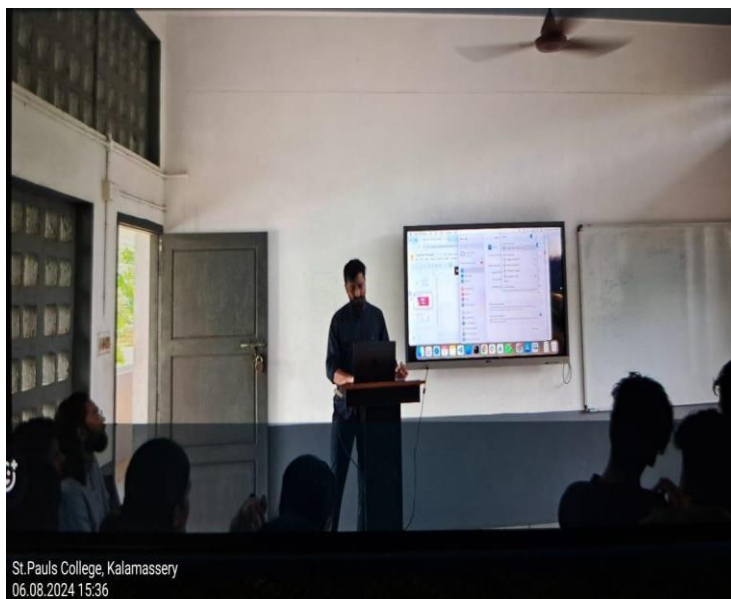
## SECURING THE UNSEEN

The talk titled 'Securing the Unseen' on 29 July 2024 focused on proactive cyber defense measures, emphasizing the importance of safeguarding digital assets against emerging threats. Delivered by Mr. Pramod Y T, Sub Inspector of Police Cyber cell, Kochi, the session aimed to enhance awareness and provide actionable insights into cyber security. The impact of the talk was evident in the increased awareness and understanding of cyber defense measures among participants. Participants reported a greater confidence in applying the strategies discussed to their own digital environments.



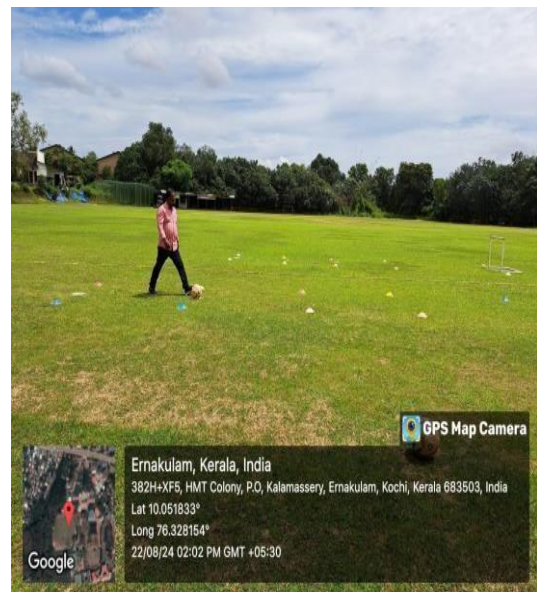
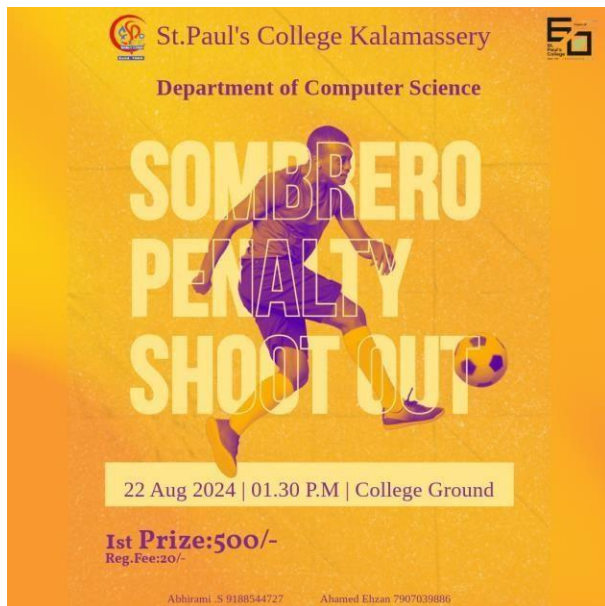
## HOW TO CREATE YOUR STARTUP

An Industrial Talk titled "How to Create Your Startup" on 6th August 2024 from 9:30 AM to 10:30 AM in association with Classteam. The session was conducted by an esteemed panel comprising Georgekutty George, CEO, Classteam; Varun K, Team Lead, Classteam; and Austin Roy, Product Owner, Classteam. The speakers shared valuable insights on key aspects of building a startup, such as idea generation, team collaboration, and product management. Their guidance encouraged students to consider entrepreneurship as a viable career path in the tech industry.



## SOMBRERO PENALTY SHOOTOUT

A Penalty Shootout competition was conducted on 22, August 2024, at 1:30 PM. Inaugurated by Vice Principal Jose Xavier, the event saw enthusiastic participation from students across various departments. The competition, aimed at promoting teamwork and physical fitness, was a great success. Participants displayed impressive skills, making it a thrilling event for all. The event was a great success, with participants and spectators alike enjoying the intense and exciting shootouts memorable.



## E-WASTE COLLECTION

The E-waste collection drive, held on 30/09/2024 at the Computer Science Department, aims to promote environmental sustainability through the responsible disposal of electronic waste. E-waste contains harmful materials that can cause environmental damage if not properly managed. By recycling electronic devices, we can conserve valuable resources and reduce the strain on landfills. This initiative supports a cleaner, greener future by ensuring that e-waste is disposed of safely. Participation in this drive is a step towards protecting our environment and conserving natural resources.

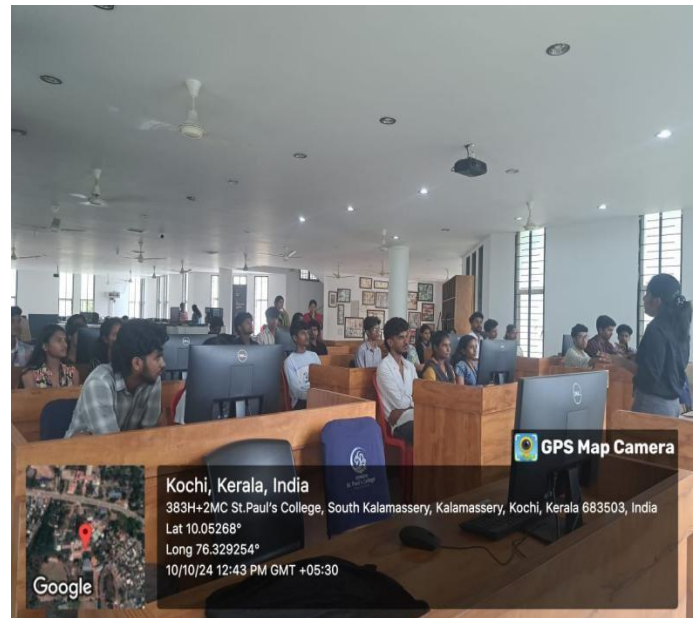


## WORKSHOP ON PYTHON DEVELOPMENT WITH CAREER GUIDANCE

On October 10, 2024, from 12:30 to 1:30 PM, Department of Computer Science hosted a workshop on Python Web Development in collaboration with Techmaghi. This session provided participants with an overview of Python's applications in web development, as well as valuable career insights in the tech industry. The workshop aimed to equip students with fundamental knowledge of Python for web development while also guiding them on potential career paths.



The poster features the Techmaghi logo at the top left, followed by the text 'In Association with'. Below this is the logo of St. Paul's College, Kalamassery, with the text 'Affiliated to MG University' and 'Department Of Computer Science'. The main title is 'Workshop on Python Web Development With Career Guidance'. The date and time are listed as 'Thursday, 10 Oct 2024' and '12.30pm-01.30pm'. The location is 'St Paul's College, Kalamassery'. A photo of Aswhiny Sreekumar, Sr. Educational Consultant, is shown in a blue-bordered box. Below her name is the text 'Faculty coordinator' and 'Liji Varghese, Sreelakshmi Rajan'. At the bottom, there are logos for various organizations including AICTE, ISO, and Startup India, along with the contact number '+91 89212 38815' and the website 'www.techmaghi.com'.



## NATIONAL CONFERENCE ON PROGRESSIVE PRACTICES IN COMPUTER SCIENCE

Our Department hosted a National Conference titled Progressive Practices in Computer Science on November 4, 2024, at the Acoustic Theatre. This event provided an enriching platform to explore the theme, Exploring Innovations and Opportunities in Artificial Intelligence. The conference featured insightful sessions by esteemed speakers: Dr. Vimala Mathew, Scientist at NIELIT, Calicut, and Dr. John T. Abraham, HoD, Computer Science, Bharata Mata College, Thrikkakara. The event included an inaugural ceremony, expert lectures, and paper presentations in both online and offline modes, offering participant's diverse opportunities for academic and professional growth.



**Nov 04**

**NATIONAL CONFERENCE**  
**PROGRESSIVE PRACTICES IN**  
**COMPUTER SCIENCE**

10.30 A.M - 5.00 P.M  
**Venue: Acoustic Theatre**

Session 1: Inaugural ceremony  
Session 2 : Lecture  
Session 3: Paper Presentation(online/offline)

Contact us @  
9747058000, 7909198712  
cs@stpauls.ac.in  
www.stpauls.ac.in  
csc\_spc\_official

**REGISTER NOW!**  
**FOR DELEGATE PASS**

**Our speakers**

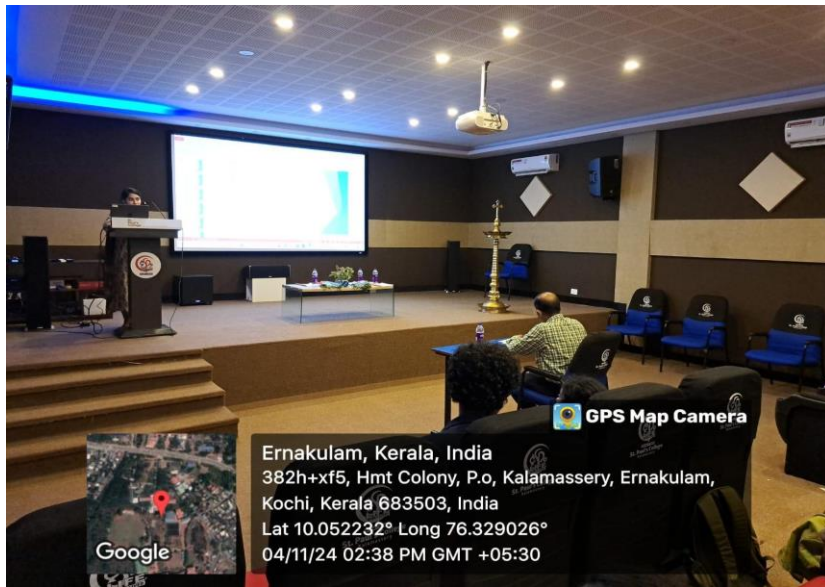
  
**Dr. Vimala Mathew**  
Scientist, (NIELIT)  
National Institute Of  
Electronics And Information  
Technology, Calicut

  
**Dr. John T. Abraham**  
HoD, Dept. of Computer  
Science, Bharatha Mata  
College Thrikkakara

 **Department of Computer Science**  
**St. Paul's College Kalamassery**  
NAAC Accredited with 'A' grade

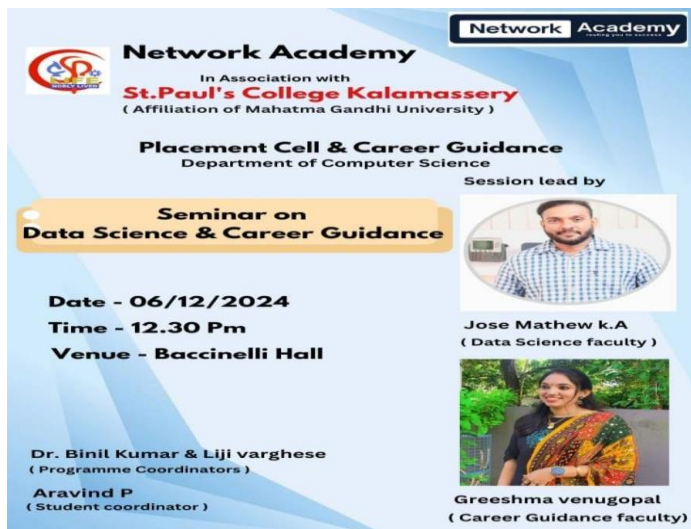






## SEMINAR ON DATA SCIENCE AND CAREER GUIDANCE

The Placement Cell and the Department of Computer Science jointly organized a seminar on "Data Science and Career Guidance" on December 6, 2024, at 12:00 PM in Baccinelli Hall. Conducted in association with Network Academy, the session provided students with valuable insights into the field of Data Science and career planning. The seminar featured Mr. Jose Mathew, Data Science faculty, and Ms. Greeshma Venugopal, Career Guidance faculty, as resource persons.



**Network Academy**  
In Association with  
**St. Paul's College Kalamassery**  
(Affiliation of Mahatma Gandhi University)


**Placement Cell & Career Guidance**  
Department of Computer Science

**Seminar on  
Data Science & Career Guidance**


**Date - 06/12/2024**  
**Time - 12.30 Pm**  
**Venue - Baccinelli Hall**

**Dr. Binil Kumar & Liji varghese**  
( Programme Coordinators )  
**Aravind P**  
( Student coordinator )

Session lead by



**Jose Mathew k.A**  
( Data Science faculty )



**Greeshma venugopal**  
( Career Guidance faculty )



## TECHNOIR

As part of Computer Literacy Week, the program titled "TECHNOIR: Igniting Ideas, Inspiring Innovation" was held on December 16, 2024, from 12:30 PM to 1:30 PM in Baccinelli Hall. The session featured Dr. Amal M.R., Assistant Professor, Computer Science and Engineering Department, Amal Jyothi College of Engineering, Kanjirappally, who delivered an insightful talk on "Augmented Intelligence: Enhancing Human Decision-Making with AI". The program aimed to ignite creativity and inspire innovative thinking by exploring the transformative potential of AI in augmenting human decision-making. It emphasized how AI can enhance cognitive abilities and drive smarter, more informed decisions across various domains.

**St. Paul's College Kalamassery**  
Department of Computer Science

# TECHNOIR

Igniting Ideas, Inspiring Innovation!

## Computer Literacy Week

**Augmented Intelligence: Enhancing Human Decision-Making with AI Assistance**

**16 December 2024**  
12:00 PM - 01:30 PM | Baccinelli Hall

**OUR SPEAKER**

**Dr. Amal MR**  
Assistant Professor,  
Computer Science &  
Engineering, Amal Jyothi  
College of Engineering  
(Autonomous), Kanjirappally

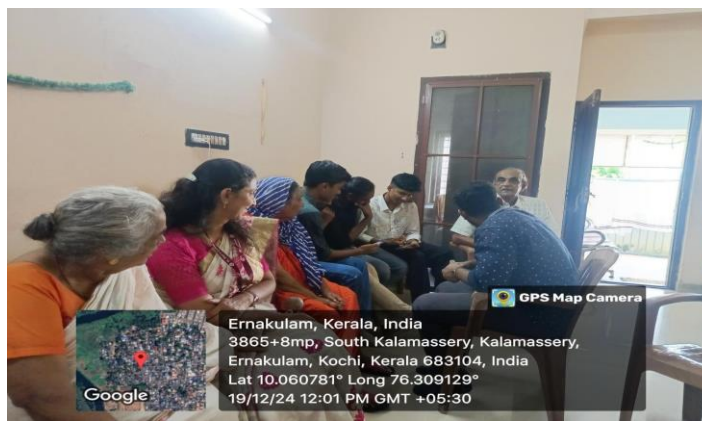
Faculty coordinator :  
Greeshma M Shajan

Student Coordinator :  
Niranjana S Nair



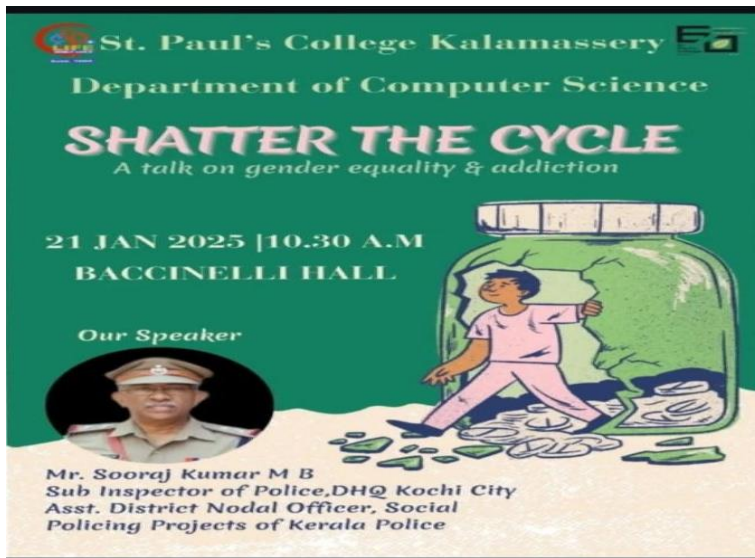
## BE SOMEONE'S SANTA

As part of the Christmas celebrations, the "Be Someone's Santa" program was organized by the Department of Computer Science on 19/12/2024. Teachers and students visited Abhayabhavan Old Age Home in Kalamassery, bringing joy and festive spirit to the residents. Gifts collected from students and teachers were distributed to the elderly, symbolizing the spirit of giving and care. During the visit, participants spent quality time engaging with the residents, sharing conversations, and spreading warmth and happiness. The program fostered a sense of community, compassion, and gratitude, making the festive season truly meaningful for everyone involved.



## SHATTER THE CYCLE

A seminar titled "Shatter the Cycle: A Talk on Gender Equality & Addiction" on January 21, 2025, at Baccinelli Hall. The session aimed to raise awareness about the pressing issues of gender equality and addiction, emphasizing the need to break societal cycles that perpetuate these challenges. Mr. Sooraj Kumar M B, Sub Inspector of Police, DHQ Kochi City, and Assistant District Nodal Officer for Social Policing Projects of Kerala Police, was the keynote speaker, sharing valuable insights from his field experience. The event was well-received by students and faculty, fostering meaningful discussions on social responsibility and empowerment.



## THINK CREATE PROTECT

A session titled “Think. Create. Protect” on January 27, 2025, at 12:00 PM in the Acoustic Theater. The program featured an insightful talk on “IPR and Entrepreneurship: Protecting and Profiting from Innovation” by Adv. Shreya Shree Anil, a distinguished lawyer practicing at the High Court and District Court (Ernakulam). The event aimed to enlighten students on the importance of Intellectual Property Rights (IPR) in safeguarding innovations and fostering entrepreneurial growth. Participants gained valuable knowledge about legal protections available for innovators in the evolving tech landscape.



The poster features the college logo and name at the top, followed by the department name. The title 'THINK.CREATE.PROTECT' is prominently displayed in a stylized font. Below it, the talk's title is provided. A photo of the speaker, Adv. Shreya Shree Anil, is shown with her name and title. The date and time are clearly marked, along with the venue name 'ACOUSTIC THEATER'.

**St. Paul's College Kalamassery**  
Department of Computer Science

# THINK.CREATE.PROTECT

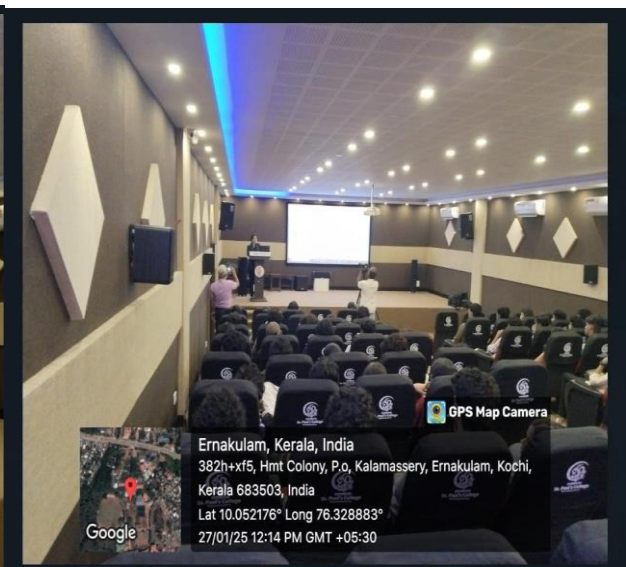
A talk on "IPR and Entrepreneurship: Protecting and Profiting from Innovation"

**Our Speaker**



**27 JAN 2025 | 12.00 PM**  
**ACOUSTIC THEATER**

**Adv. Shreya Shree Anil**  
Lawyer at Highcourt,  
District court (Ernakulam)





## **HANDS ON SESSION ON MACHINE LEARNING**


The Department of Computer Science at St. Paul's College, Kalamassery, in association with Bharata Mata College, Kochi, organized a one-day hands-on session on Machine Learning on March 12, 2025. The session was led by experts Anupama Gireesh, Ayshwara Joseph, and Faiha Fathima, who provided practical insights into key machine learning concepts. Participants had the opportunity to explore real-world applications, work on hands-on exercises, and enhance their technical skills. The interactive nature of the session allowed students to engage with industry-relevant tools and techniques. This event helped bridge the gap between theoretical knowledge and practical implementation, preparing students for careers in data science and artificial intelligence.






383H+2MC St.Paul's  
College, South  
Kalamassery, Kalamassery,  
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 **10:18 AM**  
12 Mar-25,Wednesday


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383H+2MC St.Paul's  
College, South  
Kalamassery, Kalamassery,  
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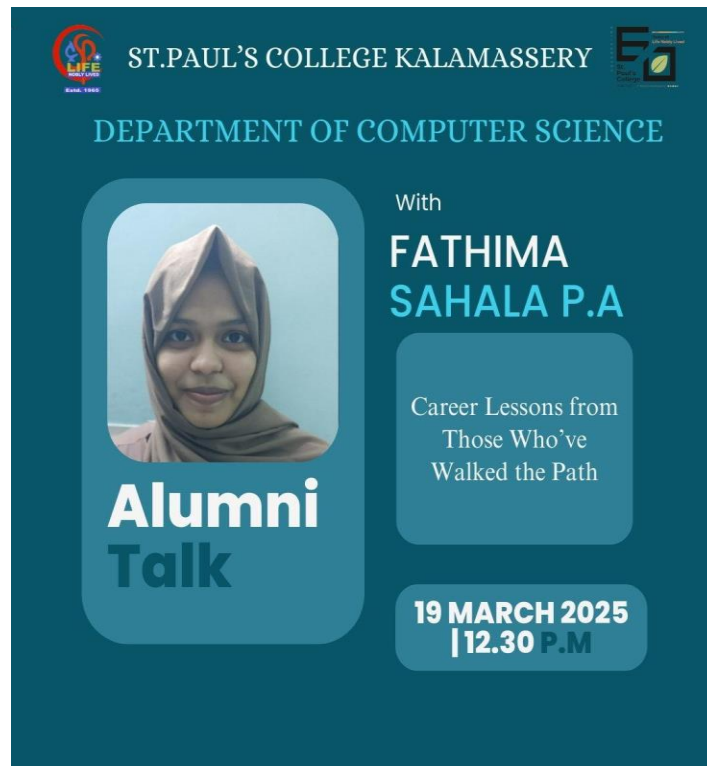
 

 **10:17 AM**  
12 Mar-25,Wednesday

 **318°**  
NE

## **ALUMNI TALK**


The Department of Computer Science at St. Paul's College, Kalamassery, organized an Alumni Talk on March 19, 2025, at 12:30 PM. The session featured Fathima Sahala P.A., who shared valuable career lessons and insights with the students. The event aimed to provide guidance and inspiration by highlighting real-world experiences from alumni. Students actively engaged in the discussion, gaining knowledge about career paths, industry expectations, and skill development. The session was well-received and proved to be an enriching experience for all participants.





The poster is a vertical rectangular graphic with a dark teal background. At the top left is the St. Paul's College logo, which includes a cross and the text 'LIFE' and '1954'. To its right is the text 'ST. PAUL'S COLLEGE KALAMASSERY' in white. Further right is a logo for the Department of Computer Science, featuring a stylized 'Ea' and the text 'DEPARTMENT OF COMPUTER SCIENCE'. Below this is the text 'DEPARTMENT OF COMPUTER SCIENCE' in a light blue font. On the left side, there is a rounded rectangular frame containing a portrait of Fathima Sahala P.A., a woman wearing a brown hijab. Below the portrait, the words 'Alumni Talk' are written in white and light blue. To the right of the portrait, the text 'With FATHIMA SAHALA P.A.' is displayed in white and light blue. Below this, a light blue rounded rectangle contains the text 'Career Lessons from Those Who've Walked the Path' in white. At the bottom right, another light blue rounded rectangle contains the text '19 MARCH 2025 | 12.30 P.M.' in white.



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P.O, Kalamassery,  
Ernakulam, Kochi, Kerala  
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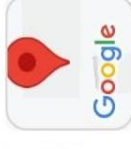
 Google


 12:38 PM  
19 Mar-25,Wednesday


 275°  
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382H+XF5, HMT Colony,  
P.O, Kalamassery,  
Ernakulam, Kochi, Kerala  
Lat:10.0527599,Long:10.0527599

 Google

 12:38 PM  
19 Mar-25,Wednesday

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