

## **Annual Report 2024-2025**

#### 1. Introduction

The Department of Computer Science came into existence in 1995, along with the inception of the College. In its initial stage, it was a minor department which had provided complementary courses for BSc Electronics and BSc Physics. Then, in 2013 Govt. of Kerala sanctioned an aided BCA course to the College and the department was upgraded to a major department. The sanctioned student strength was 24. Up to 2021 the course was running with the help of Guest faculties. In 2021 Govt. has created 4 more teaching posts in Computer science and 4 new permanent faculties were appointed in July 2021. Now There are 6 faculties and a Lab assistant in the department.

#### 2. Academic Programs Offered

#### **UG Program**

Bachelor of Computer Application(BCA)

## 3. Student Strength

**IBCA** - 43

Class	Boys	Girls	Total
Total	11	24	35
Gen	0	0	0
OBC	9	23	32
SC	2	1	3
ST	0	0	0
Handicapped	0	0	0
Muslim	9	23	32

Christian	0	0	0
Jain	0	0	0
Other Minority	0	0	0
Out of General Eco. Weaker	0	0	0

#### **II BCA** -43

Class	Boys	Girls	Total
Total	22	21	43
Gen	1	2	3
OBC	16	18	34
SC	4	1	5
ST	1	0	1
Handicapped	0	0	0
Muslim	16	15	31
Christian	1	1	2
Jain	0	0	0
Other Minority	0	0	0
Out of General Eco. Weaker	0	0	0

#### III BCA -41

Class Boys Girls Total
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Total	25	16	41
Gen	2	2	4
OBC	18	13	31
SC	4	1	5
ST	1	0	1
Handicapped	0	0	0
Muslim	18	12	30
Christian	0	1	1
Jain	0	1	1
Other Minority	0	0	0
Out of General Eco. Weaker	0	0	0

# **4. Faculty Details**

Name	Designation	Qualification
Ms. Suma N	Associate Professor & HOD	MCA,NET
Mr. Rasheed N K	Assistant Professor	Msc. Computer Science,NET
Ms. Basmath P	Assistant Professor	MCA,NET
Ms. Sabeerath K	Assistant Professor	Msc. Computer Science,NET
Mr. Jamsheed K P	Assistant Professor	Msc. Computer Science,NET
Mr. Johnson A J	Assistant Professor	MCA,NET
Mr. Sharafudheen T	Lab Assistant	Diploma

## 5. Results -UG

Total students	41
Pass	27
Pass percent	66%
Above 80%	1
Above 70 %	7
Above 60%	6

## **6. Mentoring System**

The Department has a mentoring system to establish a meaningful relationship between **students and teachers**. **Mentors** maintain and update the **Mentoring** register which contains particulars and performance of students. Mentors meet students individually or in groups.

#### III BCA

Mentor:SABEERATH K	Mentor:RASHEED N K
FATHIMA NAJIYA T	SHAHANA.V.A
LAMIA MARYAM	ABHINAV VIJAYAN
NADEENA FATHIMA VP	ALBIN BABY
MOHAMMED SAVAD MT	ANURAG BABU
SHABIR SHAN. A	FAHAD
SYED MUHAMMED RIHAN	
ALI	ISHAK ABDULLAH
AMRITHA P J	MOHAMMED RISWAN
LUBNA FEBIN A	MRUDHUL. V
NEHALA PARVIN	MUHAMMED NIHAD AK
RIFA FATHIMA K	MUHAMMED NOUSHAD K K
SHAHANA SHERIN.K	MUHAMMED SAHEER K.M
SHIMNI FATHIMA	MUHAMMED SALIH
JABITH P K	MUHAMMED SHAHSAD.P

ZAYAN M HARIS	MUHAMMED SWAFVAN K T
AKHILA. S	NANDITH KRISHNA
ANUSHA KV	NISWAL K MURALI
ATHILA NOWRIN	REJIN RAJ
FATHIMA K V M	SANJAY MANOJ K
FATHIMA SHAHMA KK	SHAMIL
JOBINA K V	SHIJAS A
JUMANA ABDUL RAZAK	SIVARAG. T. L
RISVANA JANNATH.M	

#### II BCA

Mentor:SHAHEERA K A	Mentor:JAMSHEED KP
JUMANA HASEEN M I	AYSHA RIFANA K
SALVA ABDUL SALAM	DEVIKA V S
SHAFINA MOOSA	FIDHA FATHIMA
ADHIL U	HANNA FATHIMA
AZIN FIRASH P	HRIDYA KP
MUHAMMED AFSAL P	JINSHA PARVIN K
MUHAMMED AJLAN V	MUHSINA MUJEEB P
MUHAMMED MIDHASH. V	RISHANA A
MUHAMMED SINAN	SAFNA NASRIN
SHAHAD AHAMMED.T. K.	SHAFLA RABIN
MITRA VINDHA	SHANI.N. P
FIDA FATHIMA P	ABIJITH P R
HRIDYA KISHAN	ADHIL GAFOOR
MEHRA SANA	DON SUNNY
ALTHASH MUHAMMAD	MOHAMMED AFNAN S
AMAN KARTHIK M S	MOHAMMED SHADIN
GOUTHAM G A	MUHAMMED IJAS
ISRAR ANSARI	MUHAMMED SHAHAN
MUHAMMED SHABEEB P	MUHAMMED SHAMIL
ANATTE THOMAS	SARAN SABU
AYISHA HANNA K	SOURAV .E.R
AYNA ABDUL GAFOOR	

#### I BCA

Mentor: Ms. Basmath P	Mentor : Ms. Suma N
NASNA M	ASLEENA A
SAFA T	DHILNA FATHIMA C
SAHLA T K	FATHIMA K M
SAJA FATHIMA E	FATHIMA SHIFA
ZIYA SAMEER	FATHIMATHUL THANHA K
AAFTHAB RAHMAN TM	FIDA FATHIMA K K
DHANISH MUHAMMAD	JANISHA V
DHILSHAD AHMAD AK	NITHA FATHIMA P
MUHAMMED ATHIK.C.P	RISHNA K
FIDA FATHIMA M	SANA FATHIMA
HANA AP	SANA FATHIMA P
HANNA FATHIMA K H	SHARIKA H DASAN
RANA K	DHEERAJ K PRAKASH
SHAHNA FATHIMA	MOHAMMED ASHIR K
ADHITH GIREESH	MUHAMMED ASLAM V P
SHAIKH MOHAMMED TOHID	MUHTHADA MUFHIM K
ALEEMATHU FARHANA	RAHIL RASHEED
AMNA ASHRAF	

Duration: 15 Hours

Duration: 15 Hours

Duration: 15 hours

#### 7. Bridge Courses

A bridge course is a short, intensive program designed to help students transition between different levels of education or academic streams by bridging knowledge gaps and reinforcing foundational concepts. It is designed to help students transition from their previous education level to the requirements of a degree program. These courses are often offered before the start of a new academic year or semester, or before the commencement of a new course of study.

#### **7.1 BASIC MATHEMATICS**

#### Introduction

The department offers a bridge course in elementary mathematics for non-math background students. The main objective of this course is to bring non-math students comparable with those who had studied mathematics in 12 th standard. This will help them to have a basic understanding of the mathematical concepts before the beginning of their regular classes. The classes were conducted from 19.08.24 to 30.08.24.

#### **Syllabus**

Set –Concept, methods of writing set and its elements, Subset , Basic Concepts in geometry: Point, line and plane, Coordinates of a point, distance between points. Polynomials: Degree of the polynomial, standard form, coefficient form of a Polynomial. Triangle: Types of triangle Equation in two variables: Concept of simultaneous equations and to find their solutions. Ratio and Proportion, Percentage. Simple interest, Compound interest.

#### 7.2 INTRODUCTION TO FLOW CHARTING

#### Introduction

Understand the basics and usefulness of an algorithm, Analyse various algorithms, Understand a flowchart and its advantages and limitations, Steps involved in designing a program.

#### **Syllabus**

Introduction, Algorithms, Expressing Algorithms, Benefits of Using Algorithms, General Approaches in Algorithm Design, Analysis of Algorithms, Flowcharts, Advantages of Using Flowcharts, Limitations of Using Flowcharts, Developing Flowchart, When to Use Flowchart Symbols & Guidelines, Types of Flowcharts

#### 8. Remedial Classes

Remedial classes are designed to support students who are struggling with the standard curriculum by addressing learning gaps and providing extra help in specific subjects. In the



Computer Science department remedial classes were scheduled twice in the odd semester of the Academic year 2023-24. The first set of remedial classes were scheduled for I BCA from 2.12.2024 to 20.12.2024, for II BCA and III BCA from 19.8.2024 to 30.8.2024. Faculties clarified students' doubts during these classes.

The second set was scheduled before the semester examination from 01.3.2025 to 15.3.2025 for I BCA, 04.11.2024 to 11.11.2024 for the II BCA, III BCA students. Most of these remedial classes were conducted through peer learning. The teachers had identified advanced learners for peer teaching. The goal was to create a healthy peer, as well as to clear the doubts. The remedial classes through peer learning were conducted in the presence of the respective course teachers. Some teachers also conducted remedial classes by themselves to clear the doubts.

## 9. Activity Report

Sl.No	Name of the programme	Date of the programme	Name of the resource person	No of students participated
1	Reading day celebration	20/06/2024	Hanna Fathima ,Hridya Kishan (students)	33
2	Excellence honouring	20/06/2024	HoD	33
3	Expert Talk:An Introduction to Academic research	08/07/2024	Mr.Sunny Joseph	31
4	Online streaming -Generative AI	11/07/2024	State conclave	28
5	Orientation on NPTEL Courses	12/07/24	Ms.Sarardha S(IISER TVM)	19
6	Orientation programme on flutter course	29/07/24	Mr.Rafi	45
7	Tech Mantra 3.1 launch	24/09/24	Mr.Ebin Shaji and team from	104

			GEC wayanad	
8	Observance of mental health day	09/10/24	Ms.Anusree (Counselor Jeevani)	39
9	Association inauguration	25/10/24	Mr.Zuhair Ali	80
10.	Diamond Jubilee Anti drug campaign -Quiz	20/11/24	НоД	41
11	Indian Constitution day celebration	26/11/24	Department	20
12	Professional orientation in trending technologies in IT	6/12/24	Mr.Garil Michael Mr.Afees C	32
13	Rediscover Yourself	12/12/24	Dr.Thomas George K	87
14	Tezla Logo revealing	12/12/24	Dr.Thomas George K	87
15	Gender Equality	16/12/24	Mr.Abhijit U V((mahindra Pride classroom ,Nandhi Foundation)	
16	Workshop on mastering Internship for career advancement	23/01/25	Department	76
17	Insignia 2025-Honouring Biju Sir and Abhin Sir	18/02/25	Department	88
18	Workshop on Cyber Security -HACKTIV	24/02/2025	Mr.Abdul Ali Mr.Jasalu rahman (E Hackify)	64
19	Students of JDT Islam	28/02/25	Hridya Kishan ,	65

College visit WMO campus to exchange knowledge and experience	2yr BCA	

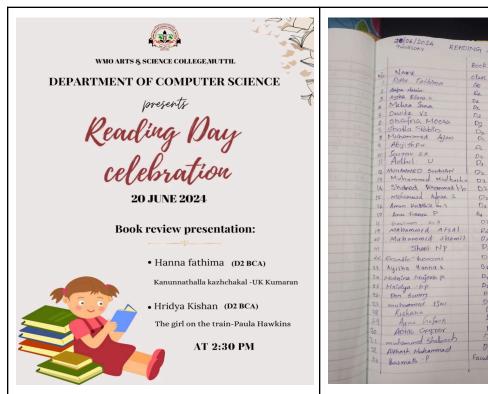
#### 9.1. Reading day celebration

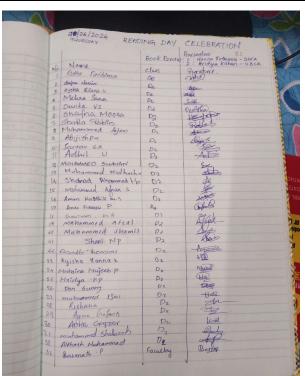
The Department of Computer Science celebrated Reading Day on 20th June 2024 at the Computer Science Lab to promote reading habits and literary awareness among students. The event began with an introduction to the significance of Reading Day, commemorating the contributions of P.N. Panicker, the pioneer of the library movement in Kerala.

As part of the celebration, BCA 2nd year students Hanna Fathima and Hridya Kishan presented thoughtful book reviews. Hanna Fathima reviewed "Kanunnathalla Kazhchakal" by U. K. Kumaran, offering insights into its powerful social themes and literary depth. Hridya Kishan reviewed "The Girl on the Train" by Paula Hawkins, analyzing its gripping narrative and psychological complexity.

A total of 33 students participated actively in the session, engaging in discussion and sharing their views on reading as a tool for personal and academic growth. The program successfully encouraged students to cultivate a consistent reading habit.

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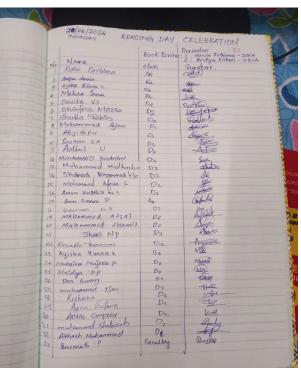


### 9.2. Excellence honouring

The Department of Computer Science conducted an Excellence Honouring program on 20th June 2024 to recognize the academic achievements of meritorious students. The event was held at the Computer Science Lab, with 33 students participating. Faculty members appreciated the hard work and dedication of high-performing students and encouraged others to aim for excellence in academics and extracurricular activities. Selected students were honoured with certificates as a token of appreciation for their outstanding performance. The event served as a motivation for all students to strive for academic success and personal growth. It concluded with a note of thanks.

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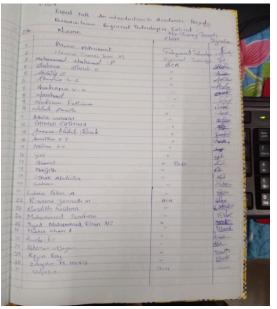
#### 9.3. Expert Talk: An Introduction to Academic research

An expert talk was organized by the Department of Computer Science on 08th July 2024. The session was led by Mr. Sunny Joseph, who delivered an insightful talk on the topic "An Introduction to Academic Research." He highlighted the fundamentals of academic research, including problem identification, research methodology, literature review, and ethical practices. The session aimed to create awareness among students about the importance of research in academic and professional growth. A total of 31 students participated actively in the session. The talk was informative, engaging, and highly beneficial for students aspiring to pursue research.

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## 9.4. Online Streaming – Generative AI Session

**Date:** 11th July 2024

**Event:** State Conclave

**Number of Participants: 28 Students** 

An informative and engaging session on **Online Streaming and Generative AI** was conducted on **11th July 2024** as part of the **State Conclave**. A total of **28 students** actively participated in the session.

The session focused on the evolving role of **Generative AI** in the context of **digital content creation and streaming platforms**. Key topics included AI-generated content, ethical implications, tools for creators, and the future of AI in media. Interactive discussions and demonstrations were part of the session, offering students hands-on exposure to emerging AI technologies.

"education and some more"

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#### 9.5. Orientation Session – NPTEL Courses

Date: 12th July 2024

**Resource Person**: Ms. Sarardha S, Student, IISER Thiruvananthapuram

**Number of Participants:** 19 Students

An orientation session on NPTEL (National Programme on Technology Enhanced Learning) Courses was conducted on 12th July 2024. The session was led by Ms. Sarardha S, a student from IISER Thiruvananthapuram, who served as the resource person.

The orientation aimed to familiarize students with the structure, benefits, and registration process of NPTEL online courses. Ms. Sarardha provided valuable insights into how students can effectively utilize these courses for academic enhancement and career development. She also shared her personal experience as an NPTEL learner, offering tips on course selection, time management, and certification.

A total of 19 students participated in the session, which concluded with an interactive Q&A

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segment where students clarified their doubts and expressed interest in enrolling in upcoming NPTEL courses.

The session was informative and motivated students to take advantage of the wide range of online learning opportunities available through the NPTEL platform.



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## 9.6. Orientation programme on flutter

Date: 29.07.24

**Resource Person**: Mr. Rafi **Number of Participants**: 45

**Flutter** is an open-source framework developed by **Google** for building high-performance, natively compiled applications for mobile, web, and desktop from a single codebase. The orientation session aimed to introduce participants to the fundamentals of Flutter, covering its core concepts, tools, and the overall development workflow.

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The orientation was highly interactive and informative. Students actively participated and showed great enthusiasm to learn and explore Flutter.



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#### 9.7. Tech Mantra 3.1 launch(Talk 1) - Various Tech communities

Date: 24.09.24

Resource Persons: Mr. Ebin Shaji and team from GEC wayanad

Number of participants: 104

The Department of Computer Applications organized an insightful talk titled "Tech Communities for BCA Students", aimed at encouraging students to actively participate in technology-based communities to enhance their skills and career prospects.

The resource persons delivered an engaging and motivational session focusing on the importance of joining tech communities such as Google Developer Student Clubs (GDSC), GitHub, CodeChef, and Flutter communities. The speaker highlighted how participation in such



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communities allows students to learn beyond the classroom, stay updated with the latest technologies, collaborate on real-world projects, and build a strong network with peers and professionals.





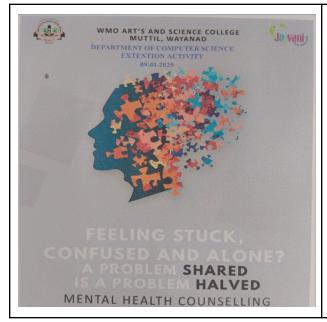
## 9.8. Observance of mental health day

**Date:** 9.10.24

**Resource Person**: Ms. Anusree (Counselor Jeevani)

**Number of participants**: 39

To promote awareness about the importance of mental well-being, World Mental Health Day was observed at WMO Arts and Science College, Muttil, on 9th October [Year]. The theme of the year, "Mental Health is a Universal Human Right", was the central focus of the observance. The program aimed to create awareness among students and staff about mental health issues, reduce stigma, and encourage open discussions.



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## 9.9. Association inauguration

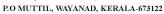
**Date**:25.10.24

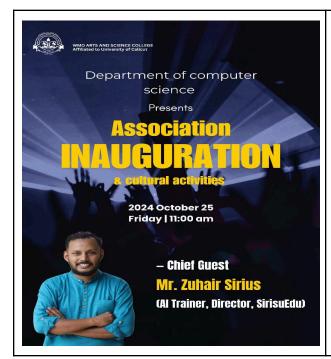
Resource Person: Mr.Zuhair Ali - AI trainer, CEO SIRIUSEDU

**Number of Participants**: 80

The Department of Computer Applications successfully conducted the **BCA Association Inauguration** for the academic year The event marked the official commencement of academic, co-curricular, and extracurricular activities under the BCA Association. The chief guest emphasized the importance of skill development, continuous learning, and staying updated with emerging technologies like Artificial Intelligence, Flutter, Cybersecurity, and Cloud Computing.

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#### 9.10. Diamond Jubilee Anti drug campaign -Quiz

Date -20.11.24

Number of participants: 41

As part of the **Diamond Jubilee Celebrations** of the department of cultural affairs, Govt. of Kerala in support of the **Anti-Drug Campaign**, the BCA Association of WMO Arts and Science College organized a **Quiz Competition** on 20.11.24 . 41 students of the department participated in the event.



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#### 9.11. Indian Constitution day celebration

Poster presentation by students on Fundamental rights and duties.

**Date**: 26.11.24

**Number of Participants**: 20

On **26th November 2024**, Department of computer science solemnly observed **Constitution Day** (**Samvidhan Diwas**) to commemorate the adoption of the Constitution of India. The event aimed to instill constitutional values among students and create awareness about the guiding principles of democracy.

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### 9.12. Professional Orientation - Trending Technologies in IT

On 6th December 2024, the Department of Computer Applications at WMO Arts and Science College conducted a professional orientation session on **Trending Technologies in IT**. The session was led by distinguished resource persons **Mr. Garil Michael** and **Mr. Afees C**, who shared valuable insights into emerging fields such as artificial intelligence, cloud computing, and cybersecurity. A total of **32 students** from the BCA department actively participated. The session helped students understand current industry trends and career opportunities, and encouraged them to pursue continuous learning. The program was informative, engaging, and well received by the participants.

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#### 9.13.Motivational Session – "Rediscover Yourself"

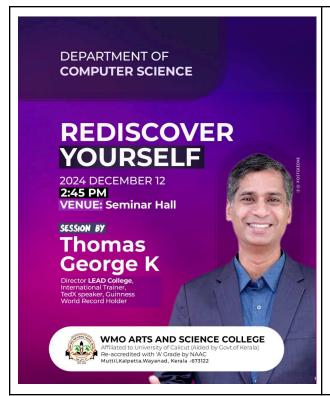
A motivational session titled "Rediscover Yourself" was conducted on 12th December 2024 for the students of the Department of Computer Applications. The session was led by the renowned speaker Dr. Thomas George K, faculty at Leads College, Doni, Palakkad.

The objective of the session was to inspire students to reflect on their personal strengths, overcome self-doubt, and develop a confident mindset for personal and academic growth. Dr. Thomas George's engaging and interactive approach captivated the audience, encouraging active participation and self-evaluation. He emphasized the importance of setting goals, building resilience, and maintaining a positive attitude in the face of challenges.

A total of **87 students** enthusiastically took part in the session, gaining valuable insights and motivation. The program was well appreciated by both students and faculty, and it significantly contributed to the personal development goals of the department.

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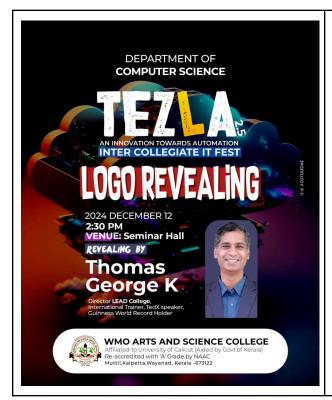
## 9.14. Tezla Logo Launching

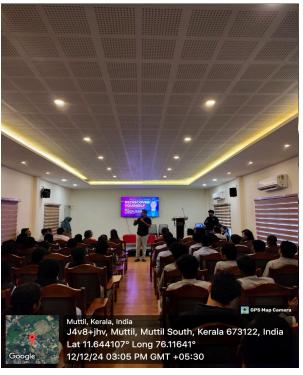
The Department of Computer Science at WMO Arts and Science College organized the **Tezla Logo Revealing** Launching on **12th December 2024** at the college seminar hall. **Tezla** is the department's annual flagship event, celebrating innovation, technology, and student talent.

The ceremony was graced by **Dr. Thomas George K**, distinguished academician from **Leads College, Doni, Palakkad**, who officially unveiled the logo. In his keynote address, Dr. Thomas emphasized the importance of branding academic events and how platforms like Tezla contribute to the holistic development of students by encouraging creativity, teamwork, and leadership.

The newly revealed logo reflects the energy and vision of Tezla as a student-driven tech fest. Faculty members and students from the department attended the event, marking the beginning of the countdown to Tezla 2024. The event concluded with great enthusiasm and a renewed sense of excitement among the students.

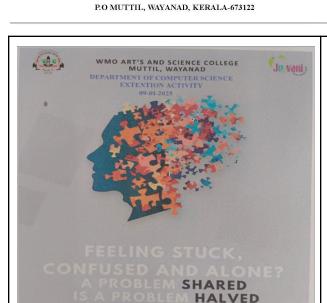
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#### 9.15. Gender Equality Session

A session on **Gender Equality** was conducted on **16th December 2024** at WMO Arts and Science College, organized by the Department of Computer Applications. The session was led by **Mr. Abhijit U V** from **Mahindra Pride Classroom, Nandhi Foundation**. The resource person highlighted the importance of gender sensitivity, mutual respect, and inclusivity in both academic and professional environments. Through interactive discussions and real-life examples, the session encouraged students to reflect on stereotypes and unconscious biases. The program was well-received and played a vital role in promoting awareness and fostering an inclusive mindset among the participants.



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### 9.16. Workshop on mastering Internship for Career advancement

**Date:** 23/01/2025

No. of Participants: 76

**Resource Persons:** 1.Ms.Akshaya sita rajesh 2.Mr.Mohamed Ziyan 3.Mr.Rev Fr.Baby John

4.Mr.C E Philip

The Department of Computer Science conducted a highly informative workshop titled "Mastering Internship for Career Advancement" aimed at guiding students in leveraging internship opportunities to boost their career prospects. The session highlighted how internships can bridge the gap between academic knowledge and industry requirements, giving students a competitive edge in the job market.



#### 9.17. Insignia 2025- Experience sharing and Honouring

**Date**: 18/02/25

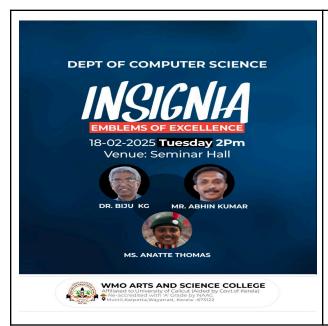
No. of Participants: 88

Resource Persons: Dr. Biju KG and Mr. Abhin Kumar

The event titled "Insignia – Experience Sharing and Honouring" was held on 18th February 2025 at Seminar Hall, bringing together students and faculty for an inspiring session of knowledge exchange and recognition. The session was graced by two eminent personalities – Dr. Biju K.G and Mr. Abhin Kumar., distinguished academicians and mentors.

Both speakers shared their valuable experiences and insights. **Dr. Biju K.G.** reflected on his academic journey, research contributions, and commitment to student development, while **Mr. Abhin Kumar** offered a practical perspective on emerging trends and emphasized the importance of skill development and adaptability.

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#### 9.18. Workshop on Cyber Security -HACKTIV

Date: 24.2.25

No. of Participants :64

Resource persons: Mr. Abdul Ali

Mr. Jasalu rahman (E Hackify)

A one-day workshop titled "HACKTIV – Cyber Security Awareness" was conducted on 24th February 2025 at [venue], aimed at equipping students with the foundational knowledge and tools related to cyber security, ethical hacking, and online safety.

The session was led by expert resource persons from E Hackify, Mr. Abdul Ali and Mr. Jasalu Rahman, who brought in practical insights and real-world experience in ethical hacking and information security.

**Mr. Abdul Ali**, who explained key concepts such as network security, cyber threats, and data protection. The second session, conducted by **Mr. Jasalu Rahman**, focused on ethical hacking techniques, tools used by cybersecurity professionals, and demonstrations of real-time vulnerability assessments.

Participants were actively engaged in hands-on activities and live demonstrations, making the



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workshop both informative and interactive. A total of **64 participants** attended the workshop, including students and faculty members from the Computer Science department.





#### 9.19. Students Visit

Students of JDT Islam College visit WMO campus to exchange knowledge and experience

Date: 28.2.25

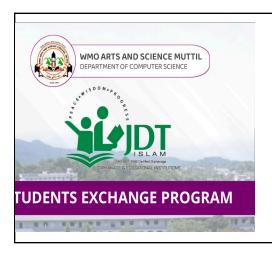
No of students participated: 65

On 28th February 2025, 65 students from JDT Islam College visited WMO Arts and Science College, Muttil as part of a knowledge and experience exchange program aimed at fostering academic collaboration, peer learning, and institutional bonding.

The visiting students participated in various academic activities including:

- Interactive sessions with WMO students and faculty
- Departmental presentations and lab visits

• Group discussions on curriculum and projects





## 10. FDP Programmes attended by Faculties

Faculty Development Program (FDP) is designed to enhance the knowledge, skills, and overall effectiveness of educators, particularly in higher education institutions. These programs aim to improve teaching methodologies, promote research, and foster a strong academic environment.

Name of faculty	Name of FDP	Duration/Date
Ms. Shaheera K A	Innovative Teaching and Administration:FDP on OBE, AI and AMS	20/11/2024-24/11/2024, 5 days( Conducted by IQAC, WMO College,Muttil)
Mr. Rasheed N K	One Week FDP on Innovative Teaching and Administration: FDP on OBE, AI, and AMS	20/11/2024-24/11/2024, 5 days( Conducted by IQAC, WMO College,Muttil)
Ms. Basmath P	One week FDP and international Conference: Smart stick for visually impaired people based	28/05/2023



on ultrasonic sensors	

# 11.Seminars/Workshops Attended By Faculties

SI No.	Name of faculty	Name of the program	Place	Duratio n and Date	Organized By
1	Ms. Suma N	Online training on FYUGP	Online	24/06/2024	University of Calicut
2	Ms. Suma N	Workshop on Bibliometric Analysis and Academic Publishing	Muttil	15/02/2025	Department Library ,W M O College in Association with Kerala HEC
3	Mr. Rasheed N K	Webinar on 'Critical challenges to adopt DevOps culture in software organizations'.	Online	14 th October 2024	Research Forum, GRD College of Arts and Science, Peelamedu, Coimbatore
4	Ms. Sabeerath K	Webinar on Cyber Security Automation and Orchestration and AWS for starters:Explori ng Cloud	Calicut	15/05/2024	Dept. of Computer Science St. Joseph's College Devagiri(Aut onomous)
4	Ms. Sabeerath K	Online training on FYUGP	Online	24/06/2024	University of Calicut

5	Ms. Sabeerath K	Connect Career to Campus Placement	Online	12/06/2024	ICT Kerala
6	Ms. Basmath P	Research methodology	Online	24/04/2023- 30/04/2023	UGC stride,wmo college
7	Ms. Basmath P	Implication of intellectual property rights	Online(web inar)	28th March 2023	St.joseph's college,Devagir i
8	Ms. Basmath P	Research methodology	Online(web inar)	30th March 2023	St.joseph's college,Devagir
9	Ms. Shaheera K A	Workshop on Bibliometric Analysis and Academic Publishing	Muttil	15/02/2025	Department Library, W M O College in Association with Kerala HEC
10	Ms. Shaheera K A	National Level Awareness Program on Institutional Development Plan	Online	06/03/2025	Telangana Council of Education
11	Ms. Shaheera K A	Training Program on FYUGP for College Level Academic Coordinators	Online	24/06/2024	General and Academic Branch University of Calicut
12	Mr. Jamsheed K P	Identifying and Mitigating Risks	Online	21/11/2024	RGNIYD
13	Mr. Jamsheed K P	Seminar onResearch	Kaithapoil	09/08/2024	LISSAH College



# DEPARTMENT OF COMPUTER SCIENCE WMO ARTS & SCIENCE COLLEGE, MUTTIL

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		Methodology			
14	Mr. Jamsheed K P	International Conference on Artificial Intelligence and Digital transformation: Strategies for Growth and Sustainability	Thaloor	23/00/2024	Nilgiri College of Arts and Science













## 12. Research Papers Published

SI No.	Name of faculty	Title of Paper	Title of Journal/C onference	Date of Event	ISBN/ISS N Number	UGC Indexed( Yes/No)
1	Ms. Sabeerath K	BTEDD: Block Level tokens for efficient data deduplicati on in Public Cloud Infrastructu res	The Scientific Temper	June 2024	0976-865	Yes
2	Ms. Sabeerath K	ESPoW: Efficient and Secured	The Scientific Temper	Dec 2024	097 6-8 653	Yes

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		Proof of Ownership method to Enable AuthenticD eduplicated data access in public cloud storage				
3	Ms. Shaheera K A	Sporting Insects on Vegetation using Machine Learning Algorithms	Internatio nal Conferen ce on Artificial Intelligen ce and Digital Transfor mation Strategies for Growth and Sustainab ility	23/08/202	Internatio nal Conferen ce	

# 13. Online Certificate Courses Attended By Students

Sl.No	Name of the Student	Course Attended	Date/Duratio n	Mode	Platform
1	Aafthab Rahman T M	Google Cloud Computing Foundations	August-Octo ber 2024(8 Weeks)	Online	NPTEL
2	Aafthab	Problem	January-April	Online	NPTEL



Rahman T M	Solving Through Programming in C	2024 (12 weeks)		
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# 14.Students achievements in Arts/Sports/Academic

Name of Student	Class	Prize	Level
Annatte Thomas	2nd BCA	Selected for RD parade at NewDelhi	National
Hanna Fathima,Hridya, Asin Firash, Muhammed Ajlan	2nd BCA	Finalist in Tech Pulse Hackathon	State(Cyber Space Calicut)
Aleemathu Farhana	1st BCA	Bronze Medal- inter collegiate Fencing Championship	University of Calicut
Nandith Krishna	3rd BCA	Paper Presentation-International Conference at Nilgiri College	International
Rifa Fathima	3rd BCA	Paper Presentation-International Conference at Nilgiri College	International
Sanjay Manoj	3rd BCA	Paper Presentation-International Conference at Nilgiri College	International
Shahana Sherin K	3rd BCA	Paper Presentation-International Conference at Nilgiri College	International



#### 15.Festivals

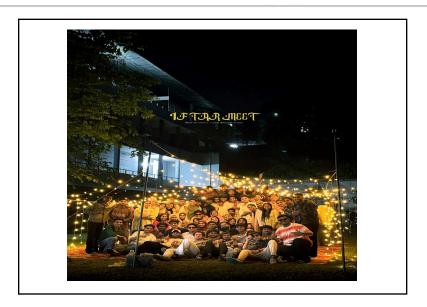
Celebrations bring the students closer to each other's cultural beliefs and traditions to develop respect and understanding for each other's customs and traditions.

Independence day was celebrated in the department. Patriotic songs were sung and tribute was paid to the freedom fighters.

**Ifthar meet** was conducted on 21.03.2025. 87 students of the department participated in the meet.

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# 16.Steps Taken By The Department For Keeping Transparency In Continuous Internal Evaluation

Two internal exams were conducted per semester. The results were published in a time bound manner. The grievances were addressed and necessary and valid remedials were taken. Assignments and seminars were given to all courses.

## 17. Feedback System

Feedbacks were collected through IQAC and discussions on the feedback were conducted in departmental meetings. Necessary corrections were suggested and implemented.

## **18.Best Practices Of The Department**

**1.Tech Mantra**: A programme launched by the department to make the students aware of the requirements of technical industries and recent developments in the industry. The sessions were conducted once in a month. Experts from various fields interact with the students.



**2.Wednesday Talk:** Students' presentations on topics of their choice were conducted from 3.30 pm to 4.30 pm on every wednesdays. Presentations were followed by serious discussions on the topic and the feedback from the audience were collected to improve the capability of the presenters

## 19. Participation in Corporate Life: Contribution of Faculties

The staff members of the department played a vital role in the smooth functioning of the institution. Following are the responsibilities held by faculties.

Ms.Suma N	Member College Council, Member of Setting Timetable of College	
Mr.Rasheed NK	Nodal Officer-Admission, Coordinator 'EDu Support', an initiative for providing aid to needy students, College Website Committee Co-ordinator, Discipline Committee Member, Online Examinations Test Centre Admin	
Mr.Jamsheed KP	Asst Nodal Officer- Admission, Coordinator Campus Digital initiatives.	
Mr.Johnson AJ	Managing Website of College, Support IQAC	
Ms.Sabeerath K	Asst. Nodal Officer IEDC, President IIC, Member FYUGP Committee, Member Examination Vigilance Squad-Wayanad District, State level Evaluator -YIP	
Ms.Shaheera KA	NSS Programme officer, Coordinator IETE College Unit, Asst. Coordinator IQAC, Asst. Coordinator YIP, Executive Member Staff Club, Executive Member Career Guidance cell, Executive Member Anti Ragging and Discipline Committee, Member Extension Activity and Social Outreach Program, Member Green Campus Initiative	
Ms.Basmath P	SAS	

#### 19. Industrial Visit

Industrial visit is a part of curriculum for the development of students. It provides an insight into the internal working of companies. It helps in bridging the gap between mere classroom learning and the actual work conditions. These visits provide them with excellent practical knowledge. Also, students can interact with industry experts. Industrial visits fill the gap that is developed between theoretical knowledge and practical knowledge.



## 20. NCC Details

ENROLLMENT DETAIL 2024-2025			
SL.NO	CADET NO.	NAME	DEPARTMENT

P.O MUTTIL, WAYANAD, KERALA-673122

Phone:04936-203382 (Office) 04936-207532 (Principal) email: wmocollege@gmail.com website: www.wmocollege.ac.in

1	KL/23/SWA/015718	Hanna Fathima	BCA			
2	KL/23/SDA/015647	Althash Muhammed	BCA			
3	KL/23/SDA/015667	Israr Ansari	BCA			
4	KL/23/SDA/015656	Azin Firash	BCA			
5	KL/23/SWA/015697	Anatte Thomas	BCA			
6	KL/23/SWA/015728	Jinsha Parvin	BCA			
C Certifi	C Certificate holders					
1	KL/22/SWA/202581	Rifa Fathima K	BCA			
2	KL/22/SDA/202603	Sanjay Manoj K	BCA			
3	KL/22/SDA/202596	Mrudul V	BCA			
B Certifi	B Certificate holders					
1	KL/22/SWA/202569	Akhila S	BCA			
2	KL/22/SDA/202602	Nandith Krishna	BCA			
3	KL/22/SWA/202572	Anusha K V	BCA			

## **21. NSS**

**20 Students** from the department of Computer science are included in NSS during the academic year 2024-25 to take part in various community service activities and contribute to the betterment of society.