



**KAHM UNITY
WOMEN'S
COLLEGE,
MANJERI**



PG DEPARTMENT OF COMPUTER SCIENCE

**K.A.H.M UNITY WOMEN'S COLLEGE, MANJERI
NARUKARA POST, 676122
MANJERI, MALAPPURAM**



www.unitywomenscollege.ac.in

**Korambayil Ahamed Haji Memorial
UNITY WOMEN'S COLLEGE MANJERI
SILVER JUBILEE BLOCK-2016**

DEPARTMENT AT A GLANCE



Welcome Message

On behalf of the Department of Computer Science, we extend a warm welcome to all students, faculty and stakeholders. Established as a cornerstone of K.A.H.M Unity Women's College since its inception in 1991, the department has grown from offering foundational courses to becoming a hub for advanced learning and innovation. The department started with the B.Sc. Computer Science program in 1998 and expanded to include the M.Sc. Computer Science program in 2002. With a focus on empowering women through technology, our department fosters a dynamic environment for academic excellence, research and skill development. Our faculty, equipped with expertise and a student-centric approach, guide students toward careers in industry, academia and entrepreneurship. The department's blog, TechBit, serves as a platform for sharing resources, updates and fostering community engagement.



Our Vision

To empower young women with cutting-edge technological skills, fostering innovation, leadership and ethical responsibility in the digital era, while contributing to societal advancement through computing.

Our Mission

- To provide high-quality education in computer science, equipping students with technical proficiency and problem-solving skills.
- To promote research and innovation in emerging technologies like AI, IoT and soft computing.
- To bridge the gap between academia and industry through skill-based training and experiential learning.
- To instill values of inclusivity, ethical computing and social responsibility.
- To prepare students for competitive careers in technology, higher education and entrepreneurship.



Objectives of the Department



Deliver a robust curriculum integrating theoretical foundations with practical applications.



Foster critical thinking, coding proficiency and innovation through project-based learning.



Empower women from marginalized communities with employability skills in IT and related fields.



Promote research in areas like AI, IoT and data science, encouraging contributions to regional and global challenges..



Prepare students for careers in software development, data analytics, cybersecurity and academia through interdisciplinary and skill-based training.



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Programmes Offered

B.Sc. Computer Science (CBCSS / FYUGP)

Duration: 36/48 months

Sanctioned Strength: 55

M.Sc. Computer Science

Duration: 24 months

Sanctioned Strength: 12

Certificate & Add-on Courses

- IoT using Arduino
- Web Desinging
- Office Automation
- Fundamentals of Database Management System (Add-on)
- Art of Problem Solving (Add-on)



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Academic Leaders



Mr. Rahib B.

MCA, M.Phil
Assistant Professor & Head



Dr. Haris U.

MCA, Ph.D
Assistant Professor



Mr. Shihabul Haq Mannithodi

M.Sc.
Assistant Professor



Ms. Shameema P.T.

M.Sc.
Assistant Professor

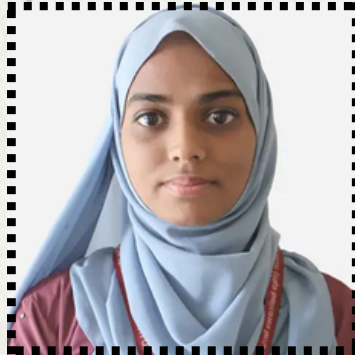


Academic Leaders



Mr. Jasir E.K.

MCA
Assistant Professor
(Ad hoc)



Himna K.

M.Sc.
Assistant Professor
(Ad hoc)



Swapna K.

M.Sc.
Assistant Professor
(Ad hoc)

Technical Leaders



Mr. Mahroof Ali . P

Diploma in Computer Science
Lab Technical Assistant



Ms. Shadiya K

M.Sc.
Lab Assistant



➤ Academic & Research Highlights

Focus Areas:

- Artificial Intelligence
- Data Science
- IoT
- Soft Computing
- Cybersecurity
- Software Engineering

➤ Major Flagship Events

- Organized 35 webinars and workshops on topics like Python programming, AI and IoT.
- 12 industry-expert sessions through Meet the Industry Experts.
- 10 experiential learning initiatives, including hackathons and coding bootcamps.
- Association activities such as tech quizzes, app development contests and open-source contributions.
- IoT Lab projects and soft computing research initiatives.
- 25 alumni talk series on career paths in IT.
- "Innovi8" - IoT Exhibition



Research and Publications

- Journal Articles Published: 15
- Books Published by Faculty: 9
- Book Chapters Published: 30
- Faculty Seminar Publications: 50
- UG/PG Projects Completed: 200+



Academic Events and Engagements

- Webinars Conducted: 20
- Seminars Conducted: 10
- Workshops Conducted: 15



Best Practices

- Audio Books for Blind People
- CodeHer Initiative: Encourages women to excel in coding through peer mentoring.
- Alumni Lecture Series & Alumni mentoring programmes to guide current batches.



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Department Achievements



Farisa Rahma K

B.Sc. Computer Science
(2023-26)

Achieved gold Medal in 38th National Games held at Uttarakhand in the event Kalarippayattu (Sword and Shield) for Kerala state team

Represented Kerala & Lakshadweep Directorate
in All India Thal Sainik Camp (TSC) held at
Delhi

CPL Shana Buhaisa

B.Sc. Computer Science
(2021-24)



UO Nadha

B.Sc. Computer Science
(2022-25)



Army attachment camp conducted by 2 madras
regiment , Trivandrum



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Department Achievements



Fathima Fida K
B.Sc. Computer Science
(2023-26)

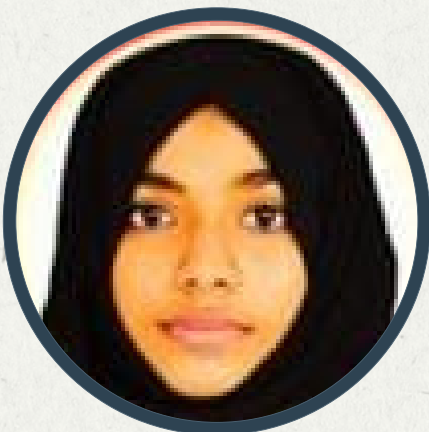
Calicut University Sasthrayan Poster making competition Winner



Safa Kalliyanthodi
B.Sc. Computer Science
(2021-24)

Secured 3rd Rank in Calicut University B.Sc. Computer Science Examinations 2023-24.

Hasan Mahamood Kurikkal BEST project Award, 2023-24



Fathima Liba P
M.Sc. Computer Science
(2022-24)

Maulana Muhammed Ali Academic Excellence Award 2023-24

Hasan Mahamood Kurikkal BEST project Award, 2023-24

University Level Best NSS Program Officer 2021



Ms. Shameema P. T
Assistant Professor



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Department Achievements

- 92% pass percentage over the last five academic years.
- Faculty contributed to the restructuring of Calicut University FYUGP syllabus for Computer Science.
- Won Best Coder Award at State-Level Hackathon 2022.
- Students developed open-source applications recognized by regional IT firms.
- High university pass percentage (above 90%) consistently.
- Students placed in IT firms and pursuing higher studies in reputed institutions.
- Regular winners in coding competitions and intercollegiate tech fests.
- Final-year projects selected for college-level exhibitions and national dissertation awards.





Infrastructure and Learning Resources

- IoT Lab: Equipped for AI and robotics research.
- Computer Science Lab: State-of-the-art systems with high-speed LAN and software tools.
- Library Resources: 2,000+ computer science books, 10 journals and 50+ CDs/DVDs.



Manjeri, KL, India

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Major Collaborations and MoUs

- MoU with IT Firms for internships and training.



Arion infotech

2020-2022



2021-2023



03.06.2024 onwards



2023-2024



2025-2027

Major Outreach Activities

- Conducted Python training for local school students.
- Audio Books for Blind People
- Innovi8- IoT Exhibition





Distinctiveness

Empowering Women through Technology and Innovation .

The Department of Computer Science stands out for its commitment to empowering first-generation women learners in a rural, minority-dominated region. By integrating cutting-edge technologies like AI and IoT with a focus on employability and entrepreneurship, the department bridges the digital divide. Initiatives like the IoT Lab, CodeHer and community-driven tech projects foster a unique blend of technical expertise, social responsibility and innovation, preparing students to lead in the global tech landscape.



Future Plans

- Convert the department into a recognized Research Centre under the University of Calicut.
- Establish a recognized research center for AI and IoT.
- Introduce certificate courses in cybersecurity, Cloud Computing and data analytics.
- Expand industry collaborations for internships and placements.
- Develop e-content for public access through MIELES Studio.
- Provide coaching for IT certifications and competitive exams.





Moments of Pride



Manjeri, KL, India
Ernad, Manjeri, 676122, KL, India
Lat 11.130480, Long 76.083248
Note: Captured by GPS Map Camera



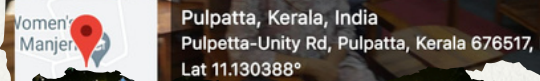
Manjeri, Kerala, India
Ernad, Manjeri, 676122, Kerala, India
Lat 11.130150, Long 76.083248
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Note: Captured by GPS Map Camera



INDUSTRIAL VISIT



Manjeri, KL, India
Ernad, Manjeri, 676122, KL, India
Lat 11.130480, Long 76.083142
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Note: Captured by GPS Map Camera



Pulpatta, Kerala, India
Pulpatta-Unity Rd, Pulpatta, Kerala 676517, India
Lat 11.130388°
Long 76.083248°
Note: Captured by GPS Map Camera



Books for the visually impaired

Students get attention by making audio books. The audio books are made by students of computer science department of Manjeri Women's College. Principal Muhammad Basheer Ummar Kerala Federation of the Blind chers Forum State President M. He handed it over to Sudhir and tried it.



Audio books prepared by students



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Moments of Pride



DATE 05 November 2022 TIME 11:30am Venue AC Hall

Inauguration
Dr. Muhammed Basheer
Ummathur
(Principal, KAHM Unity
Women's College, Manjeri)

Chief Guest
Mr. Sudheer
(Gen. Secretary and
Kerala Federation of
Blind Youth Forum)

Handing Over
Mr. Basheer Hussain Thang
(Librarian, Shihab Thang
Library & Information Cent
KAM Women's Coll
Manjeri)

