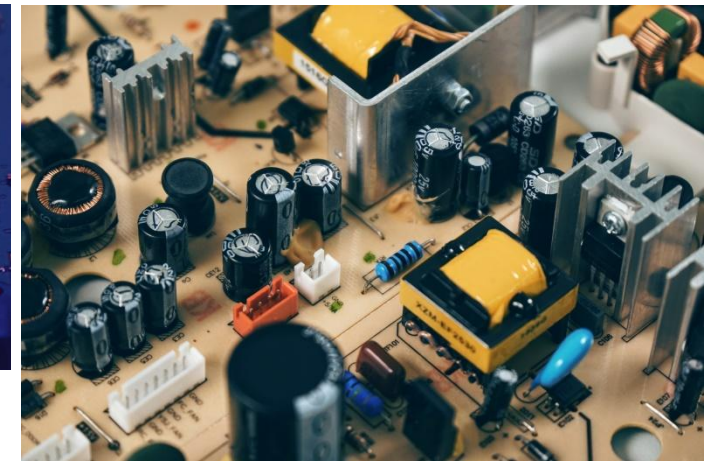
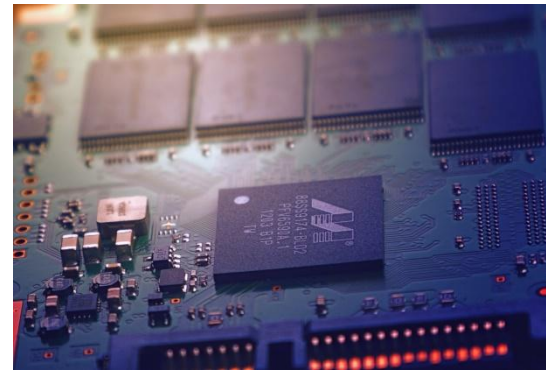


DEPARTMENT OF ELECTRONICS



WMO Arts and Science College Muttill, Wayanad



OUR VISION

Pioneering Excellence in Education, Research, and Holistic Development.

Our Mission

Empowering Society through Excellence in Electronics Education and Innovation, with emphasis on Uplifting backward minorities with Upholding Ethical and Social responsibility.

DEPARTMENT PROFILE



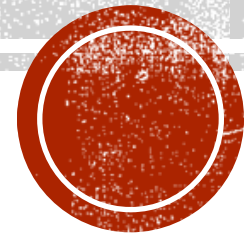
- Established in 1995 as the undergraduate department.
- Upgraded to the post-graduate department in 2020.
- **Programmes offered:**
 - BSc Electronics Honours (Intake – 36 [without marginal increase])
 - MSc Electronics (Intake – 10 [without marginal increase])
 - Certificate courses (Through ET&GC)
 1. House wiring techniques
 2. LED lamp assembling
 3. Circuit Simulation, PCB designing, and fabrication
 4. MATLAB Programming
 5. RF Designing with HFSS
 6. Mobile Phone Servicing .

HIGHLIGHTS

- More than 500 students have graduated
- 7 Full Time Teachers + 1 Technical Assistant
- **Rich Alumni Network** serving in various sectors such as Academic, Industrial, Govt., Armed Forces, MNCs, and Entrepreneurs
- **Good infrastructure** including Smart Class Rooms, well-equipped laboratories, Departmental Library, WiFi-enabled Classrooms and labs
- **ET&GC** – Since 2003, which provides skill training programs to students, making them ready for a job, and Consultancy services
- **Teachers hold prominent positions** in various academic bodies like BoS, academic council, BoE, Question Paper Setters, and Subject Experts.
- **UGC Stride Project:**
 - In 2019, UGC's STRIDE project under component I was sanctioned at 18 colleges all over India, and WMO Arts and Science College is one of them.
 - Our faculty, Dr. Nobert Thomas Pallath, successfully led a UGC Stride project titled "Adaptive Speech Recognition for Speech Defects in Malayalam Language" that received a grant of 21.9 lakhs and resulted in published works.

ACTIVITIES 2024-25

*** A COMPREHENSIVE OVERVIEW OF OUR ACHIEVEMENTS***



1. PROJECT PRESENTATION

DATE: June 14, 2024

VENUE: II- MSc Classroom Room

RESOURCE PERSONS: Mr. Jamsheed K. P, Basmath P (Assistant Professors of Computer Science, WMO)

ATTENDEES: MSc Electronics Students



Informative presentations in which students shared their findings

2. WORKSHOP ON RESEARCH METHODOLOGY

DATE: September 25, 2024

VENUE: Intelligent Machine Lab

RESOURCE PERSONS: Dr.Rajsha M.M(Assistant Professor of Electronics, WMO)

ATTENDEES: MSc Electronics Students



A solid foundation in research methodology and practical skills for conducting research in the field of electronics

3. PROJECT TOPIC PRESENTATION

DATE: January 29, 2025

VENUE: Intelligent Machine Lab (online mode)

RESOURCE PERSONS: In collaboration with iNest (DMWIMS)

ATTENDEES: MSc Electronics Students



The programme aimed to nurture original thinking, improve research orientation, and encourage peer interaction

3. PROJECT TOPIC PRESENTATION

SL NO:	NAME	TOPIC	INTERNAL GUIDE
1	AFNANATH P	1. Pesticide Detection Using Mass Spectrometry. 2. Oral Cancer Detection Using Deep Learning	Reshma Raveendran
2	ANEESA SAFVANA T	Water Quality Monitoring System Using IOT	Sithik Raja
3	ASHMY JOSE	Stroke Detection Using Machine Learning on EEG Data	Siby Joseph
4	FATHIMA JASNI MP	Detecting Food Items With Possible Allergens Using Deep Neural Network	Dr. Nibert Thomas Pallath
5	FATHIMA JUMANA P	Diabetic Retinopathy Detection With Deep Learning	Siby Joseph
6	LUBAIBA JABIN PP	DWTTM Denoising In Low Dose X-Ray Images	Dr. Nibert Thomas Pallath
7	RINSHA VP	Two Way Sign Language Translator Using Machine Learning	Reshma Raveendran
8	SAHLA K	Neural Network Based Face Recognition For Emotion Detection In Mental Rehabilitation	Dr. Nibert Thomas Pallath

4. DISCUSSION ON THE SCOPE OF 'MOU' WITH SHOBBIT UNIVERSITY

DATE: February 27, 2025

VENUE: Intelligent Machine Lab

RESOURCE PERSONS: Mr. Jamsheed K P (Assistant Professor of Computer Science, WMO)

ATTENDEES: MSc Electronics Students



Gave awareness among students about inter-institutional collaboration and the opportunities it can open up in higher education and research.

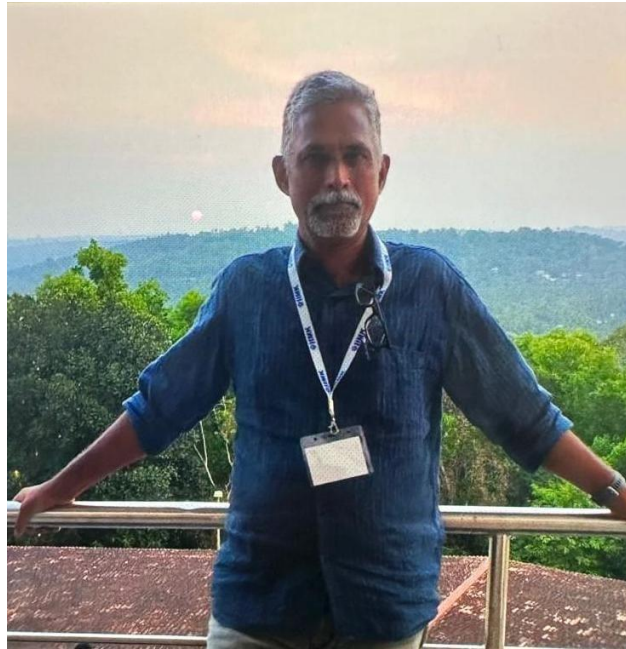
5. INTERACTION WITH A PRACTICING SCIENTIST

DATE: March 27, 2025

VENUE: Intelligent Machine Lab

RESOURCE PERSONS: Sri. Chandrasekharan (Research Scholar, NIT Calicut)

ATTENDEES: MSc Electronics Students



- The session aimed to provide students with insights into current research practices and the academic journey of a scientist
- Encouraged students to pursue higher studies and research

1. WORKSHOP ON CIRCUIT SIMULATION AND PCB DESIGNING

DATE: JUNE 27, 2024

VENUE: Intelligent Machines Lab, Electronics Lab

RESOURCE PERSONS: Mr. Muflih K (Assistant Professor of Electronics, WMO)

ATTENDEES: III BSc Electronics students (C.H.M.K.M Government Arts & Science College, Tanur)



Through hands-on sessions, students were introduced to the practical aspects of electronic circuit design, layout preparation, and simulation processes

2. WORKSHOP ON PCB DESIGNING AND FABRICATION

DATE: NOVEMBER 20, 2024

VENUE: Intelligent Machines Lab

RESOURCE PERSONS: Mr. Muflih K (Assistant Professor of Electronics, WMO)

ATTENDEES: BSc Electronics students (C.H.M.K.M Government Arts & Science College, Tanur)



- Provided hands-on training in designing and fabricating PCBs, covering schematic creation, layout design, and manufacturing processes
- Enhanced students' practical skills

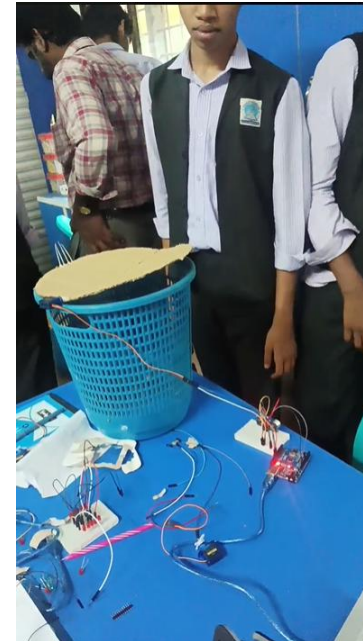
3. WORKSHOP ON ARDUINO PROGRAMMING – I

DATE: OCTOBER 25, 2024

VENUE: GHSS Kakkavayal

RESOURCE PERSONS: MSc. Electronics Students (Ashmy Jose, Afnanath P, Rinsha V P, Anas Mubarak, Munshif P K & Sifa C)

ATTENDEES: High School Students (GHSS Kakkavayal)



Introduced the basics of Arduino, programming techniques, and hands-on circuit implementation to the selected High school students

4. WORKSHOP ON ARDUINO PROGRAMMING – II

DATE: OCTOBER 26, 2024

VENUE: GHSS Kakkavayal

RESOURCE PERSONS: MSc. Electronics Students (Ashmy Jose, Afnanath P, Rinsha V P, Anas Mubarak, Munshif P K, Sifa C & Vishnumaya V)

ATTENDEES: High School Students (GHSS Kakkavayal)



The workshop successfully enhanced their understanding of embedded systems and practical applications of microcontrollers

5. WORKSHOP ON ARDUINO PROGRAMMING – III

DATE: January 18, 2025

VENUE: GHSS Kottathara

RESOURCE PERSONS: MSc. Electronics Students (Fathima Jasni, Anas Mubarak, and Fathima Jumana P)

ATTENDEES: High School Students (GHSS Kottathara)



The workshop successfully enhanced their understanding of embedded systems and practical applications of microcontrollers

6. WORKSHOP ON ARDUINO PROGRAMMING – IV

DATE: January 21, 2025

VENUE: GHS Pariyaram

RESOURCE PERSONS: MSc. Electronics Students(Fathima Jasni, Anas Mubarak, and Fathima Jumana P)

ATTENDEES: High School Students(GHS Pariyaram)

The workshop successfully enhanced their understanding of embedded systems and practical applications of microcontrollers

7. WORKSHOP ON ARDUINO PROGRAMMING – V

DATE: January 22, 2025

VENUE: GHSS Vythiri

RESOURCE PERSONS: MSc. Electronics Students (Fathima Jasni, Anas Mubarak, and Fathima Jumana P)

ATTENDEES: High School Students (GHSS Vythiri)



Introduced the basics of Arduino, programming techniques, and hands-on circuit implementation to the selected High school students

1. WORKSHOP ON CIRCUIT SIMULATION AND PCB DESIGN

DATE: June 28, 2024

VENUE: Intelligent Machines Lab, Electronics Lab

RESOURCE PERSONS: Mr. Muflih K (Assistant Professor of Electronics, WMO)

ATTENDEES: II-BSc Electronics students



- Focused on enhancing technical proficiency in simulating Electronic circuits and designing PCBs using modern software tools
- Hands-on training provided a strong foundation in circuit layout, schematic design, and virtual testing

2. CERTIFICATE COURSE ON INTRODUCTION TO LATEX

DATE: September 11 - 24, 2024

VENUE: Intelligent Machines Lab

RESOURCE PERSONS: Mr. Abdul Rasheed (Assistant Professor of Electronics, WMO)

ATTENDEES: I-MSc Electronics students

- The objective of the programme was to equip students with essential skills in LaTeX—a powerful document preparation system widely used in academic and scientific writing
- The course covered topics such as formatting documents, inserting mathematical equations, managing bibliographies, and creating professional-grade reports and theses

3. ELECTRONIC PRODUCT DESIGN

DATE: February 11, 2025

VENUE: Intelligent Machines Lab

RESOURCE PERSONS: Mr. Muflih K (Assistant Professor of Electronics, WMO)

ATTENDEES: II-BSc Electronics students

- Hands-on training in designing and developing electronic products (circuit design, prototyping, and practical implementation)
- The workshop enhanced their understanding of product development and innovations in electronics

4. HANDS-ON TRAINING – REVOLUTIONIZING HEALTH CARE: MACHINE LEARNING FOR DISEASE DIAGNOSIS

DATE: February 20, 2025

VENUE: Intelligent Machines Lab

RESOURCE PERSONS: Mr. Jiffry S A (Managing Director, Network Systems, Kalpetta)

ATTENDEES: II-BSc Electronics students



- The training focused on the application of machine learning techniques in the field of healthcare, particularly in the early diagnosis
- Introduced real-world case studies and guided through practical exercises on building basic diagnostic models using machine learning tools

5. EXPERT TALK ON MACHINE LEARNING AND ITS APPLICATION

DATE: March 21, 2025

VENUE: Computer Lab

RESOURCE PERSONS: Dr. Sabu M K (Professor, Department of Computer Applications, Cochin University of Science and Technology (CUSAT))

ATTENDEES: PG science and BCA students



- The session aimed to provide students with a comprehensive understanding of machine learning concepts and their real-world applications across various domains
- Highlighted several practical applications, including predictive analytics, image recognition, natural language processing, and healthcare diagnostics.

1. INTERNSHIP ORIENTATION

DATE: August 13, 2024

VENUE: Intelligent Machines Lab

RESOURCE PERSONS: Mr. Necer Ashraf (knowledge officer from ICT Academy of Kerala)

ATTENDEES: BSc. and BCA students

- Provided a comprehensive overview of the types of internships that may be available to BSc and BCA students
- Highlighted the opportunity for the internship programs, including jobs and vacancies in the government and private sectors

2. ORIENTATION PROGRAMME ON APPRENTICESHIP TRAINING

DATE: September 24, 2024

VENUE: Seminar Hall

RESOURCE PERSONS: Mr. Rajamani (Assistant Director of Training Board of Apprenticeship Training (Southern Region), Dpt. of Higher Education, Govt of India)

ATTENDEES: UG and PG students from the Electronics, Physics, Economics, and Computer Science departments



The session provided a comprehensive overview of apprenticeship, producing practically oriented graduates who meet the job-related competencies required in the labor market

3. PLACEMENT TRAINING PROGRAM

DATE: February 10, 2025

VENUE: Electronics Lab

RESOURCE PERSONS: Hasanul Banna (Technical Assistant, WMO)

ATTENDEES: III BSc. Electronics Students



Provided insights into industry expectations, interview techniques, and essential technical skills

1. INDUSTRIAL VISIT (THE NATIONAL SCIENCE CENTER, NEW DELHI)

DATE: January 29, 2025

VENUE: National Science Center, New Delhi

ATTENDEES: BSc. Electronics Students + Two Staff Members



- Explored various exhibits and interactive displays covering advancements in science and technology
- Provided students with valuable insights into scientific innovations, fostering a deeper understanding of real-world applications of electronics and engineering concepts

2. STUDY TOUR

DATE: January 23-28, 2025

VENUE: Kullu-Manali

ATTENDEES: III BSc. Electronics Students + Two Staff Members



Provided students with an opportunity to explore the natural beauty of Himachal Pradesh while also engaging in discussions on various environmental and scientific aspects related to the region

3. PLACEMENT DRIVE

DATE: February 18, 2025
 COMPANY: Britco & Bridco
 ATTENDEES: III BSc. Electronics Students



CAMPUS INTERVIEW REPORT- WMO COLLEGE OF ARTS AND SCIENCE.

Dear Sir/ Madam,

Please find below the selection list of candidates who attended campus interview held at **WMO COLLEGE OF ARTS AND SCIENCE** On 18ST February 2025, For the Post of Faculty / Trainer /Service Engineer.

Congratulations to all winners!!!!!!!

RANK	Name	Mobile Number	Selection
1	KRISTIN SABU		SELECTED
2	FASAL AKRAM C H		SELECTED
3	AMJAD RIYAN	8590904044	SELECTED
4	AMRUTH RAJ SAJEEV	8590997948	SELECTED
5	AMAL P BABY		SELECTED
6	MUHAMMED SAFWAN	9847141812	SELECTED
7	MUHAMMED RIZVAN P	9562369644	SELECTED
8	MUHAMMED ANAS	8301942770	SELECTED
9	MAHSHOOK ALI	8848999740	SHORT LISTED

For the Selected Candidates, Based on their Ranks in the Interview, We Will call them for a final counselling with parents after Examinations. After that their Training Will Start.

Counselling Dates will be informed to the Candidates in Due Course through WhatsApp Messages and Telephonic Calls.

And we take this opportunity to express Our Sincere Gratitude to the Entire College team And Especially to The Principal & Sibi Sir, for providing us a chance and permission to conduct the interview at the institution and for the Overall co-operation.

Kakkanchery,
19-02-2025.

Thanking You,
H R Team,

The placement drive was a great success, with **9** students securing job offers out of **16** Participants

4. PLACEMENT DRIVE

ATTENDEES: II MSc. Electronics Students

2025

Congratulations

on your placement



Anas Mubarak
MSc Electronics (2023 - 25)

Vonnue Innovations Pvt. Ltd.
(Software Engineer Trainee)



Fathima Jasni M P
MSc Electronics (2023 - 25)

Skytex Technology
(Electronics Faculty)



Afnanath
MSc Electronics (2023 - 25)

Lifery Pvt. Ltd.
(Academic Coordinator)

Keep Shining and Reach New Heights. All the best

Training and Placement Cell
WMO Arts and Science College, Muttil



1. UNIVERSITY RANK HOLDERS - 2024

Programme	Rank	Name
MSc. Electronics	3	Silja Babu
MSc. Electronics	5	Jumana Nusrin K P
MSc. Electronics	6	Aiswarya Mani V K
MSc. Electronics	7	Salmabi M P
BSc. Electronics	9	Nashil M K
BSc. Electronics	10	Muhammed Mufeed
CUSAT CAT - MSc. Electronics	4	Muhammed Sinan K
CUSAT CAT - MSc. Electronics	7	Anusha Achuthan

1. UNIVERSITY RANK HOLDERS - 2024




Congratulations!

University Rank Holders - Msc Electronics - 2024

 <p>Silja Babu Rank 3</p>	 <p>Jumana Nusrin KP Rank 5</p>
 <p>Aiswarya Mani VK Rank 6</p>	 <p>Salmabi MP Rank 7</p>





Department of Electronics
WMO Arts and Science College Muttill






Congratulations

University Rank Holders - BSc Electronics- 2024

 <p>Nashil NK RANK 9</p>	 <p>Muhammed Mufeed RANK 10</p>
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Cochin University MSc Electronics Entrance Rank Holders

 <p>Muhammed Sinan K RANK 4</p>	 <p>Anusha Achuthan RANK 7</p>
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Department of Electronics
WMO Arts & Science College,
Muttill, Wayanad

2. CERTIFICATE COURSES ATTENDED BY STUDENTS

Sl. No.	Name of the Course	Name of the Participant	Dates/ Duration	Organized By
1	Machine Learning Onramp	Afnanath P	Apr-25	Mathworks Training Services
2	Machine Learning Onramp	Fathima Jasni MP	Feb-25	Mathworks Training Services
3	MATLAB Onramp	Anas Mubarak	Feb-25	Mathworks Training Services
4	MATLAB Onramp	Munshif.P K	Feb-25	Mathworks Training Services
5	MATLAB Onramp	Fathima Jumana P	Feb-25	Mathworks Training Services
6	MATLAB Onramp	Afnanath	Jan-25	Mathworks Training Services
7	Python for beginners	Anas Mubarak	Dec-24	National Institute of Electronics and Information Technology
8	Introduction to MATLAB & Simulink	Fathima Jasni MP	Oct-24	National Institute of Electronics and Information Technology
9	Python for Beginners	Afnanath P	Jul-24	National Institute of Electronics and Information Technology Calicut
10	AI For Everyone - Learn to Use AI Tools - Free Program	Fathima Jasni MP	Apr-24	Techni
11	Micropython Primer	Fathima Jasni MP	Nov-23	National Institute of Electronics and Information Technology, Calicut (NIELIT)
12	Micropython Primer	Afnanath P	Nov-23	National Institute of Electronics and Information Technology, Calicut
13	VLSI for Beginners	Fathima Jasni MP	Aug-23	National Institute of Electronics and Information Technology, Calicut (NIELIT)
14	Python for Beginners	Fathima Jasni MP	Aug-23	National Institute of Electronics and Information Technology, Calicut (NIELIT)
15	Embedded for Beginners	Fathima Jasni MP	Aug-23	National Institute of Electronics and Information Technology, Calicut (NIELIT)

Thank You

