



DEPARTMENT OF ELECTRONICS
WMO ARTS & SCIENCE COLLEGE

“education and some more”

Affiliated to University of Calicut

(Aided by Govt. of Kerala)

P.O. MUTTIL, WAYANAD, KERALA – 673122

Phone : 04936-203382 (Office)

04936-207532 (Principal)

e-mail : wmocollege@gmail.com

website: WWW.wmocollege.ac.in

ACTIVITY REPORT 2024-25

I. PROGRAMMES CONDUCTED

(i) *Workshop on PCB Design and Fabrication for the BSc Electronics students of Government college, Tanur*

On June 21, 2024, the Department of Electronics hosted a comprehensive one-day workshop on PCB (Printed Circuit Board) design and fabrication. The workshop, led by Muflih K, was specifically organized for the students of Government College, Tanur. A total of 38 students attended the event, which aimed to provide hands-on experience and deepen their understanding of PCB design and manufacturing processes.

Muflih K guided the participants through the entire PCB creation process, from initial design concepts to the final fabrication stages. The workshop covered essential topics such as schematic design, layout techniques, and the use of modern design software. Practical sessions allowed students to apply their knowledge and create their own PCB projects, fostering a deeper comprehension of the subject.



(ii) *One Day Workshop on Circuit Simulation and PCB Designing*

The Department of Electronics at WMO College, Muttill, organized a one-day workshop on Circuit Simulation and PCB Designing for second-year B.Sc. Electronics students. The session, conducted by Muflih K, provided hands-on experience in circuit simulation and PCB design using specialized software.

Topics covered Circuit simulation techniques and software tools, Creating and analyzing electronic circuits, Fundamentals of PCB design and layout, Hands-on practice with PCB design software

The workshop successfully enhanced students' practical skills in circuit simulation and PCB designing. The enthusiastic participation of 26 students highlighted its effectiveness. The Department of Electronics extends gratitude to Muflih K for the insightful session.

(iii) *Project Presentation*

Mr. Biju PK, Assistant Professor of Electronics from CAS Calicut guided fourth-semester MSc students in their recent project presentations on 2nd August 2024 at the Intelligent Machines Lab. The session, attended by 14 students, included informative presentations where students presented their research and findings. Mr. Biju PK conducted comprehensive evaluations, ensuring each student's project work and theoretical knowledge were meticulously assessed



(iv) Webinar on internship orientation for BCA and BSc students

On August 13, 2024, Mr. Necer Ashraf who is the knowledge officer from ICT Academy of Kerala conducted a highly informative webinar titled “Internship Orientation”. Internships are a great way for students to gain real-world experience and develop their skills. The session provided a comprehensive overview of the types of internship that may be available to BSc and BCA students. Mr. Necer Ashraf highlighted the opportunity for the internship programs including jobs and vacancies in government and private sectors.





INFORMATION & COMMUNICATION TECHNOLOGY ACADEMY OF KERALA
ICTAK

▶

ICTAK TECHNICAL SKILLS TRAINER

NECER ASHRAF
Knowledge Officer
ICT Academy of Kerala



v) Certificate Course on Introduction to Latex

The Department of Electronics organized a **Certificate Course on Introduction to LaTeX** for M.Sc. first-year students. The course, led by **Mr. Abdul Rasheed, Assistant Professor**, provided an in-depth understanding of LaTeX, covering document structuring, mathematical typesetting, and research paper formatting.

The course successfully equipped students with essential LaTeX skills, enhancing their ability to create professional documents and academic reports.

(v) Orientation programme on Apprenticeship Training

On September 24, 2024, Mr. Rajamani, Assistant Director of training board of Apprenticeship Training (Southern Region) Dpt.of higher Education ,Govt of India led an orientation session for UG and PG students from Electronics, Physics, Economics and Computer science departments. This session provided a comprehensive overview of the purpose of apprenticeship which produces practically oriented graduates that meet the job related competencies required in the labour market . Additionally it serves as a link between the college and various employers .





(vi) Workshop On Research Methodology

The workshop on research methodology on Electronics was organized by the Department of Electronics on 25th September 2024 in W.M.O Arts & Science College in the Intelligent Machine Lab. The speaker of the seminar was Dr.Rajsha .M.M ,The Assistant Professor of Department of Electronics. The workshop on research methodology aimed to provide participants with a solid foundation in research methodology and practical skills for conducting research .By the end of the workshop participants were been motivated with better equipped to plan , execute and communicate their research ideas effectively .

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(vii) Touching farewell to Dr.Rajsha.M.M by Department of Electronics, W.M.O Arts & Science College.

Date: 27/09/2024

Place: The seminar hall of W.M.O Arts & Science College .

The seminar hall of W.M.O Arts & Science College echoed with the blessing in the morning of 27th September 2024 , when the entire Electronics Department family came together to bid a touchly farewell to its honourable teacher Dr.Rajsha .M.M on the solemn occassion of his temporarily break up from the job.

The programme was started at 11.00 am with silent prayer. This was followed by a felicitation address by Mr.Siby Joseph ,The HOD of Department of Electronics .The departing teacher Dr.Rajsha .M.M had been serving the college for more than five years .The other teachers of the department such as Dr.Nobert Thomas Pallath , Mr.Abdul Rasheed , Mr.Muflik .K and the Lab Assistant Mr.Hasanul Banna delivered an impressive speech about Mr.Rajsha Sir's contribution to the all round development of the department and college . Finally Mr.Rajsha Sir stood up .He briefly described his journey in the college and thanked all heartily .Then students and teachers handed over him some gifts as token of their love and respect .

The programme came to an end at about 12.30 pm. At the end of it there was a photo session with teachers and students to keep the memory alive.



vii) One day workshop on PCB designing and fabrication for BSc. Electronics students of Govt. College Thanur.

On 20th November 2024 the Department of Electronics, WMO Arts and Science College, Muttill, conducted a one-day workshop on PCB Designing and Fabrication for B.Sc. Electronics students of Govt. College, Thanur. Mr. Muflih K, Assistant Professor, Department of Electronics, served as the resource person. The session provided hands-on training in designing and fabricating PCBs, covering schematic creation, layout design, and manufacturing processes.

The workshop successfully enhanced students' practical skills, and their active participation made it a valuable learning experience.



X) Extension Activity

Workshop on Arduino Programming – I for GHSS Kakkavayal on 25/10/2024

As an extension activity, the **first** Workshop on Arduino Programming was conducted for selected high school students from GHSS Kakkavayal on 25th October 2024. The session was led by Ashmy Jose, Afnanath P, Rinsha V P, Anas Mubarak, and Munshif P K from the second-year M.Sc. Electronics program, along with Sifa C from the first-year M.Sc. Electronics program. The workshop introduced students to the basics of Arduino, programming techniques, and hands-on circuit implementation.

With 29 students actively participating, the workshop successfully enhanced their understanding of embedded systems and practical applications of microcontrollers.

xi) Workshop on Arduino Programming – II for GHSS Kakkavayal on 26/10/2024

As an extension activity, the **second Workshop on Arduino Programming** was conducted for selected high school students from GHSS Kakkavayal on 26th October 2024. The session was led by **Ashmy Jose, Afnanath P, Rinsha V P, Anas Mubarak, and Munshif P K** from the second-year M.Sc. Electronics program, along with **Sifa C and Vishnumaya V** from the first-

year M.Sc. Electronics program. The workshop introduced students to the basics of Arduino, programming techniques, and hands-on circuit implementation.

With **17 students** actively participating, the workshop successfully enhanced their understanding of embedded systems and practical applications of microcontrollers.

xii) Workshop on Arduino Programming – III For Selected high school students from GHSS Kottathara on 18/01/2025

As an extension activity, the **third Workshop on Arduino Programming** was conducted for selected high school students from GHSS Kottathara on 18th January 2025. The session was led by **Fathima Jasni, Anas Mubarak, and Fathima Jumana P** from the second-year M.Sc. Electronics program. The workshop introduced students to the basics of Arduino, programming techniques, and hands-on circuit implementation.

With **30 students** actively participating, the workshop successfully enhanced their understanding of embedded systems and practical applications of microcontrollers.

xiii) Workshop on Arduino Programming – IV for Selected high school students from GHS Pariyaram on 13/12/2024

As an extension activity, the **4th Workshop on Arduino Programming** was conducted for selected high school students from GHSS Kottathara on 18th January 2025. The session was led by **Fathima Jasni, Anas Mubarak, and Fathima Jumana P** from the second-year M.Sc. Electronics program. The workshop introduced students to the basics of Arduino, programming techniques, and hands-on circuit implementation.

With **8 students** actively participating, the workshop successfully enhanced their understanding of embedded systems and practical applications of microcontrollers.

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xiv) Workshop on Arduino Programming – V for Selected high school students from GHSS Vythiri

As an extension activity, the **5th Workshop on Arduino Programming** was conducted for selected high school students from GHSS Vythiri on 22nd January 2024. The session was led by **Fathima Jasni, Anas Mubarak, and Fathima Jumana P** from the second-year M.Sc. Electronics program. The workshop introduced students to the basics of Arduino, programming techniques, and hands-on circuit implementation.

With **28 students** actively participating, the workshop successfully enhanced their understanding of embedded systems and practical applications of microcontrollers.

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xv) Industrial Visit on 29/01/2025 at National Science Center, New Delhi

The Department of Electronics organized an **Industrial Visit** to the **National Science Center, New Delhi**, on 29th January 2025. A group of **23 students**, accompanied by **two teachers**, explored various exhibits and interactive displays covering advancements in science and technology.

The visit provided students with valuable insights into scientific innovations, fostering a deeper understanding of real-world applications of electronics and engineering concepts.



xvi) Study tour to Kulu Manali on 23/01/2025 to 28/01/2025

The Department of Electronics organized a **Study Tour to Kullu-Manali** from **23rd January to 28th January 2025**. A group of **23 students**, accompanied by **two teachers**, embarked on this educational and recreational trip. The tour 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.

The study tour was a memorable and enriching experience, promoting team bonding, learning, and exposure beyond the classroom.



xvii) Project presentation third year BSc. Electronics students on 07/02/2025

The Department of Electronics organized a **Project Presentation** for third-year B.Sc. Electronics students on 7th February 2025. The event provided students with an opportunity to showcase their innovative projects, demonstrate technical skills, and present their research findings. Each project was evaluated based on creativity, problem-solving approach, and technical implementation.

The presentation session successfully enhanced students' confidence and research abilities, offering valuable feedback from faculty and peers.

xviii) Placement Training Program - for the upcoming placement drive by Britco and Bridco on 10/02/2025

The Department of Electronics conducted a **Placement Training Program** on **10th February 2025** for **Final Year B.Sc. Electronics students** in preparation for the upcoming **placement drive by Britco and Bridco**. The session was led by **Hasanul Banna MCC, Technical Assistant**, who provided insights into industry expectations, interview techniques, and essential technical skills.

The training session was highly beneficial, equipping students with the confidence and knowledge needed to excel in placement opportunities.



xix) Project Idea Presentation Seminar on 29/01/2025 for Second year MSc Electronics students by iNest (DMWIMS) (Online)

The Department of Electronics organized an **Online Project Idea Presentation Seminar** on **29th January 2025** for **Second-Year M.Sc. Electronics students** in collaboration with **iNest (DMWIMS)**. The seminar provided students with a platform to present their innovative project ideas, receive expert feedback, and refine their research proposals.

The session was highly interactive and insightful, enhancing students' ability to develop and execute impactful electronics projects.

xx) Electronic product design for second year students on 11/02/2025

The Department of Electronics organized a **Workshop on Electronic Product Design** on **11th February 2025** for **second-year students**. The session, led by **Muflih K**, provided hands-on training in designing and developing electronic products, covering key aspects such as circuit design, prototyping, and practical implementation.

With **18 students** actively participating, the workshop enhanced their understanding of product development and innovation in electronics.

xxii) Britco & bridco Placement drive on 18/02/2025

The Department of Electronics organized a **Placement Drive** in collaboration with **Britco & Bridco** on **18th February 2025**. The session was conducted by the **HR team led by Sunil Kumar, Training Manager**. A total of **16 students** participated in the recruitment process, which included aptitude tests, technical interviews, and HR discussions.

The placement drive was a great success, with **8 students securing job offers**. The event provided students with valuable industry exposure and career opportunities.



PLACEMNT DRIVE 2025

13- 02 -2025 (Thursday)
@ WMO College, Muttill
10:00 AM

Qualifications

Students and Alumni of
Department of Electronics
(Candidates with Supply / arrears can also apply)

Job Profile

- 1.Faculty Trainer
- 2.Smartphone Engineer

Package:

Up To 2.4 LPA



Department of Electronics
WMO Arts and Science College
Muttill





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 18th February 2025, For the Post of Faculty / Trainer /Service Engineer.

Congratulations to all winners!!!!!!!

RANK	Name	Mobile Number	Selection
1	KRISTIN SARIJ		SELECTED
2	FASAL AKRAM C H		SELECTED
3	AMJAD RIVAN	8590904044	SELECTED
4	AMRUTH RAI SAJEV	8590997948	SELECTED
5	AMAL P BABY		SELECTED
6	MUHAMMED SAFWAN	9847141812	SELECTED
7	MUHAMMED RIYAN P	9562696644	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,
Britco & Bridco.

