WMO Arts & Science College, Muttil
Annual Report 2020 - 21
(As on 31st March 2021)

Department of Electronics

1. **Academic Programs and add-on courses offered by the Department**

Sl. No.	Name of the Program	Aided / self financing
1	**BSc Electronics**	**Aided**

2. **Details of Faculty:**

Sl. No.	Name of the Faculty	Designation	Qualifications	NET/JRF / GATE/ SET	PhD/ M.Phil.	Remarks
1	Mr. Siby Joseph	Associate Professor	M.Sc, DCE	-	-	**Head**
2	Dr. Nobert Thomas Pallath	Associate Professor	M.Sc	-	**PhD**	
3	Mr. Abdul Rasheed	Assistant Professor	M.Sc	**UGC NET /JRF**	-	
4	Dr. Shameena V	Assistant Professor	Msc		**PhD**	
4	Mr. Muflih	Assistant Professor	M.Sc	**UGC NET**	-	
5	Mr. Hasanul Banna	Lab Tech. Assi.	-	-	-	

3. Faculties pursuing M.Phil. / PhD Programme:

Sl. No.	Name of the Researcher	M.Phil. / PhD	Date of Registration	University
1	Mr. Abdul Rasheed	**PhD**	June 2011	**CUSAT**

4. Details of faculty attended Orientation/Refresher Courses during the academic year:

Sl. No.	Name of the Faculty	Name of the Program	Conducted by	period
	NIL			

5. Details of faculty possessing prominent academic positions (like academic council member, board of studies member, chairman university examinations, Question paper setter, etc.)

Sl. No	Name of faculty	University	Name of the position

1	Mr. Siby Joseph	Calicut University	Member, Academic Council Chairman, Board of Examiners, BSc. Electronics
		Kerala University	Question Paper Setter Chairman, Question paper Scrutiny
2	Mr. Nobert Thomas Pallath	Calicut University	Member, Board of Studies Member, Board of Examiners STRIDE Project Institutional Coordinator
		Kerala University	Question Paper Setter
3	Mr. Abdul Rasheed	Calicut University	Member, Board of Examiners
		Kerala University	Question Paper Setter Member, Question paper Scrutiny

6. Publications of the Faculty in journals (Research Articles):

Sl. No.	Name of Faculty	Title	Journal	Date of publication
1	Dr. Shameena V	Frequency reconfigurable stepped impedance antenna for wireless applications	AEUE, International Journal of Electronics and Communication, Vol.115	2020
2	Dr. Shameena V	Liquid Permittivity Sensing Using Planar Open Stub Resonator	Journal of Electronic Materials	2020
3	Dr. Shameena V	A simple electrically small microwave sensor based on complementary asymmetric single split resonator for dielectric	International Journal of RF & Microwave Computer- Aided Engineering vol.30, issue:2	2020

		characterization of solids and liquids		
4.	Dr. Shameena V	Circularly Polarised Polygonal Patch Antenna For Wireless Applications	Turkish Journal of Physiotherapy and Rehabilitation; 32(2)	2021

1. NIL

8. Paper presentations in National / International Seminars
(Name of Faculty; Seminar Name & Dates; Paper title; ISBN no of Conference proceedings)

1   NIL

9. Books/ Chapter in edited books published by the Faculty

(Faculty Name; Name of book; ISBN number, Remarks: Sole Author/Chapter only)

Sl. No.	Name of Faculty	Title	Name of Book	Date of publication	ISBN	UGC Listed Journal (Y/N ?)
1.	Dr. Nobert Thomas Pallath	NA	Sensors and Transducers	Sep 20	978-93-90-302-59-8	NA
2.	Dr. Nobert Thomas Pallath	NA	Basic Electronics and Network Theory	Nov 20	978-93-90783-19-9	NA

10. Faculty attended as resource person in National /International seminars.
(Name of the Faculty, Program name, Title of the talk, Date)

NIL

11. Faculty participation in conference and symposia
(Name of the Faculty, Program name, Date)

SI .No	Name of Faculty	Title	Name of the conference	Date of publication
1	Dr. Shameena V	Wideband Electrically Small Monopole antenna	URSI GASS 2020, Italy.	2020

2	Dr. Shameena V	SIR based Frequency Reconfigurable Antenna using Varactor Diodes	URSI GASS 2020, Italy.	2020	
3	Dr. Shameena V	Asymmetric Single Split Resonator for RFID Applications	URSI GASS 2020, Italy.	2020	

12. Academicians who Delivered Extension lectures in the Department

(Name of the Resource Person, Designation, Topic, Date)

Sl. No.	Name	Designation	Topic	Date
	Dr. Linash R	Assi. Prof. Dept. Electronics Govt. College Manathvady	Career Orientation	16/2/21
	Shanavas A	Councillar	Orientation Class	7/1/21

13. Extension Lectures delivered by the Faculty Members in other Institutions / department

Sl. No.	Name	Subject	Institution at which the lecture is delivered	Date

14. Details of Seminars/Workshops/ Symposia conducted by the Department

(Name of the Program, Target group, Dates, Funding Agency)

Sl. No.	Title	Type of Event	Date	Resource Person	Geographical Coverage	Target Group	Number of participants

					State	Phd Schol ars ,UG and PG stude nts	76
1	Antenna for Modern Wireless Application	Webinar	26/05/202 1	Muhammed Ameen IIT Dhanbad			
2	Orientation program for Msc	Invited Talk	16/02/202 1	Dr. Linesh R Assistant Professor ,Department of Electronics , Govt College , Mananthavadi	Departme nt	PG stude nts	10

15.. Details of gender sensitization (Activities designed for girls) programmes(in brief)
(Name of the Program, Target group, Dates, Funding Agency)

1 NIL

**16. No. of faculty served as experts, chairpersons or resource persons
(Name of Faculty + Details)**

1 NIL

**17 No. of collaborations with institutions/ Industries (International , National, Any other)
(Give details)**

1 NIL
18. No. of linkages(with other organization/research departments /universities/colleges) created

during this year

1 NIL

**19. Total funding received by the department for research/ various programmes .
(From Management and other funding agencies. Enter amount and give details)**

20. Details of other activities conducted by the Department (Educational Innovations, Extension Activities) (Enter program name , Date and funding Agency)

Sl. No.	Title	Date	Funding Agency

21. Initiatives undertaken towards faculty development
(*Faculty / Staff Development Programmes, Enter name of the faculty attended* UGC – Faculty
Improvement Programme, Faculty exchange programme, Staff training conducted by the
university etc ..)
1. NIL

22.No. of patents received this year

Type of patent	Status	Number
National	**Applied**	**0**
	Granted	**0**
International	**Applied**	**0**
	Granted	**0**
Commercialized	**Applied**	**0**
	Granted	**0**

23. Academic awards/ recognition to faculty Members:

(Give details)
1NIL

24. Memberships of faculty in Professional Bodies/Society:
(Name of the Faculty, Name of the Professional Body/ Society)

Sl. No.	Name of Faculty	Name of the Professional Body	Regional / National / International
1	SIBY JOSEPH	ISTE	National
		OISCA	International
		YMCA	International
		St. Vincent De Paul Society	International
		Human Right Foundation India	National

		Wayanad Chamber of commerce	State
2	ABDUL RASHEED	Fostering Linkages in Academic Innovation and Research (FLAIR), Kerala	State Level
		International Association of Computer Science and Information Technology (IACSIT) - 80348916	International

25. Contribution To the corporate Life of the College:
(Name of the Faculty, Positions/Charges held; for Eg: Discipline committee member)

Sl. No.	Name of Faculty	Positions Held in the College
1	SIBY JOSEPH	Staff Advisor Coordinator, ASAP **Convener, student grievance and redressal Cell Advisory Board, IQAC** Internal Mentor, Walk With a Scholar Internal Mentor ,SSP Member , ED Club Member, College Council Member, planning board Member, Discipline Committee Member , Basic Amenities Cell Member , Library Advisory Board
2	Dr. Nobert Thomas Pallath	**Member, IQAC** **Institutional coordinator, RUSA** Return Officer Member, Discipline Committee Member, College website management committee Member, Purchase committee Member , Library Advisory Board Member, Planning Board
3	Mr. Abdul Rasheed	**Coordinator, WWS** **Academic coordinator, RUSA** **Coordinator, Career and counseling cell** **Coordinator, Minority coaching Cell** **Member, IQAC** **Member, Planning Board** **Executive Member, PTA** **Member, College website management committee** INFLIBNET **ED Club**

26. Other Achievements of the students :
(Enter the details of Winners in Arts / Sports / other areas)

Sl. No.	Name of Student	Achievement	Level (College / University/ District/ State/ National/ International)

27. Details of campus placement:
(Enter the details of students got placement, Name of the student, Firm/ Company, Salary)
1

28. Average percentage of attendance of students in UG

Sl. No.	Year	Average Attendance
1	I Year	
2	II Year	
3	III Year	
Consolidated attendance(Total of I,II&III Yr)		

29. Average percentage of attendance of students in PG

Sl.No	Year	Average Attendance
1	I Year	
2	II Year	
Consolidated attendance(Total of I&II Yr)		

30. Details of student support mechanism for coaching for competitive examinations (If any)

31. No. of students qualified in examinations like UGC NET, JRF, UPSC, PSC, Entrance of National Institutions or Universities.
(Name of the student and details)

1
2

32. Student Projects supported by agencies like KSCSTE

(Name of the Guide, Name of the students, Topic, Fund Sanctioned)

2		Mr. Abhjith S, Mr.Anand Krishna A, Mr.Jolbin V Sebastian,Mr. Shebin Sinan, **Mr. Abdul Raheem P P**	KSCSTE Student Project (SIPTIS - II) - **Voice controlled smart home**	
3	Abdul Rasheed	Ms. Devika Thampi, Mr. Navaneeth R Krishnan, Ms. Jaseena T R, Mr. Firos Khan	KSCSTE Student Project (SIPTIS - II) - Smart Umbrella Dispenser	
4		Mr.Roosafeed SamanC, Mr. Suneesh J, Mr.Ahamed Musthafa K M, Muhammed Shakir P, Mr. Shamnad C T	KSCSTE Student Project (SIPTIS - II) - Library management system using RFID technology	
5		Ms. Salma A, Ms. Mubashira, Ms. Safna Nasrin P M, Ms.Muhammed Shahir P C, Muhammed Shanavas T	KSCSTE Student Project (SIPTIS - II) - Automated plant fertigation and pest controlling system	

33. Major grievances of students (if any) redressed: _____

34. Any other information about the department:

Date: **Head of the Department**

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