

WMO Arts & Science College, Muttil
Annual Report 2017 - 18
(As on 31st March 2018)

Department of: Electronics

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

Sl. No.	Name of the Program	Aided / self financing
1	B.Sc. Electronics	Aided

2. Details of Faculty:

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

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

Sl. No.	Name of the Researcher	M.Phil. / PhD	Guide	Title	Date of Registration	University

1	Mr. Abdul Rasheed	PhD	Prof. K Vasudevan	Compact broadband metamaterial antenna for DVB-H Application	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	Date
1	Abdul Rasheed		University of Hyderabad	

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	Member of board of studies (yes/no)	Member of Faculty (yes/no)	Participated in Curriculum development workshop (yes/no)	Academic council	Question paper setter	Subject expert
1	Mr. Siby Joseph	Calicut	yes			Yes	Yes (Kerala)	Yes
2	Mr. Nobert Thomas Pallath	Calicut	yes	yes			Yes (Kerala)	Yes
3	Mr. Abdul Rasheed						Yes (Kerala, Bharathi)	

							yar)	
--	--	--	--	--	--	--	------	--

6. Publications of the Faculty (Research Articles):

Sl. No.	Authors (Please Specify names of all authors along with the principal investigator)	Title of the Article	Journal	Volume	Date	Page	ISSN / ISBN No.	Impact Factor

7. Details on research publication

	International	National	Others
Peer review journals			
Non-peer review journal			
e-journals			
Conference proceedings			

8. Details regarding major projects

Particulars	Completed	Ongoing	Sanctioned	Submitted
Number				
Outlay in Rs. Lakhs				

9. Details regarding minor projects

Particulars	Comple	Ongoing	Sanctioned	Submitted
-------------	--------	---------	------------	-----------

	ed			
Number				
Outlay in Rs. Lakhs				

10. Research funds sanctioned and received from various funding agencies, industry and other organizations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects				
Minor Projects				
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the University/ College				
Students research projects (<i>other than compulsory by the University</i>)	1	KSCSTE	35500	-
Any other(Specify)				
Total			35500	

11. Books/ Chapter published by the Faculty Name of book: 0

i) with ISBN No.: ii) Chapter in edited books: iii) Without ISBN No. :

12. Ongoing Research activities of the teachers other than M.Phil., Ph.D.: NIL

13. No. of faculty from the Institution who are Ph. D. Guides and students registered under them NIL

14. No. of Ph.D. awarded by faculty from the Institution

15. No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF SRF Project Fellows Any other

16. Academicians who Delivered Extension lectures in the Department

Sl. No.	Name	Designation	Subject	Date
1	Mr. Jayan T S	Assistant Engineer , KSEB	Recent technologies in power transmission system	18/12/17
2	Mr. Vyshak	Team Leader, WIPROW	Opportunities in WIPROW	09/01/18

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

Sl. No.	Name	Subject	Institution at which the lecture is delivered	Date
1	Mr. Siby Joseph	Basic Electronics	St. Alphonsa College, Bathery	02/11/17
2	Mr. Abdul Rasheed	Embedded Design Using Arduino	Prajyothi Nikethan College, Thrissur	
3	Mr. Muflih K	Embedded Design Using Arduino	Prajyothi Nikethan College, Thrissur	22-02-18 to 23-02-18
4	Mr. Hasanul Banna	Electronics LAB Experiment training	Mary matha College, Mananthavadi	26-09-17

18. Faculty participation in conference and symposia

No. of faculty	International level	National level	State level
Attended	-	-	1
Presented papers	-	-	-
Recourse person	-	-	3

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

Sl. No.	Title	Date	Funding Agency	Geographical Coverage			
				Inter national	National	State	University/College
1							

20. Details of gender sensitization(Activities designed for girls) programmes(in brief)

--	--

21. No. of faculty served as experts, chairpersons or resource persons :3

22 No. of collaborations International National Any other

23. No. of linkages(with other organization/research departments /universities/colleges) created during this year

24. Total budget for research for current year in lakhs:

From funding agency

From Management of University/College

Total

25. No. of conference organized by the Institution

Level	International	National	State	University	College
Number					
Title of conference					
Sponsoring agency					

26. Details of other activities conducted by the Department (Educational Innovations) for the students of the department

Sl. No.	Title	Date	Funding Agency	Remarks
<u>1</u>	Interfacing with Microprocessor 8085	06/03/18	Self	For enriching the curriculum by practical training for second year students.
2	8051 based project design	11/10/17 – 12/10/17	Self	Embedded system training program for final year students.
3	Farewell for final years	12/03/18	Electronics Association	

Formatted: Indent: Left: 0.18 cm

Formatted Table

27. Details of other activities conducted by the Department (Extension Activities) for the society and students of other departments

Sl. No.	Title	Date	Funding Agency	Target Group
1	Guidance of academic projects	Round the year	-	MSc Physics
2	Consultancy for the electronics / electrical / networking infrastructural development of the college	Round the year	-	College

28. Details of Teachers, who are/were participated in Seminars/Workshops/Conferences/ Other assignments (Other than Orientation/Refresher)

Sl. No.	Name of the Faculty	Title of the Event	Organizing Institution	Date	Geographical Coverage			Mode of Participation		
					International	National	State level	Attended	Presented paper	Resource person
1	Mr. Abdul Rasheed	Two day workshop on Embedded design using Ard	Prajyoyhi Nikethan College, Puthukkad				yes			yes

		uino								
2	Mr. Abdul Rasheed	IEE E sponse d wor ksho p on Ant enna	Govt. College Mananthavadi				Yes	Yes		
2	Mr. Siby Joseph	Seminar on development of electronics	Department of Physics, St. Alphonsa College, Bathery	02/11/17	-	-	YES	-	-	Yes
3	Nobert Thomas Pallath									
4	Mr. Muflih K	Two day workshop on Embossed design	Prajyothi Nikethan College, Puthukkad	21-02-18 to 22-02-2018			yes			yes

		using Arduino								
--	--	------------------	--	--	--	--	--	--	--	--

29. Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Name of faculty benefitted</i>
Refresher courses	1
UGC – Faculty Improvement Programme	NIL
HRD programmes	NIL
Orientation programmes	NIL
Faculty exchange programme	NIL
Staff training conducted by the university	NIL
Staff training conducted by other institutions	NIL
Summer / Winter schools, Workshops, etc.	NIL
Others	

30.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

31. Academic awards/ recognition to faculty Members:

Sl. No.	Name of Faculty	Name of Award / Recognition	Award Instituted by	Date of Award

32. Memberships of faculty in Professional Bodies/Society:

Sl. No.	Name of Faculty	Name of the Professional Body	Regional / National / International
	SIBY JOSEPH	ISTE	National
	SIBY JOSEPH	OISCA	International
	SIBY JOSEPH	YMCA	International
	SIBY JOSEPH	St. Vincent De Paul Society	International
	SIBY JOSEPH	Human Right Foundation India	National
	SIBY JOSEPH	Wayanad Chamber of commerce	State
	ABDUL RASHEED	Fostering Linkages in Academic Innovation and Research (FLAIR), Kerala	State Level
	ABDUL RASHEED	International Association of Computer Science and Information Technology (IACSIT) - 80348916	International

33. Tutorial Program

Sl. No.	Name of Faculty (Tutor)	Name of the Tutorial Course	Offered to

34. Contribution To the corporate Life of the College:

I year														
II year	29	10	2	0	1	0	21	9	5	1	0	0	0	0
III year	25	10	2	1	1	1	19	8	3	0	0	0	0	0
0														

Dropout % :

b. Name of the Program (PG) :

Year	Total		SC		ST		OBC		General		PH		VH	
	Total	Female	Total	Female	Total	Female	Total	Female	Total	Female	Total	Female	Total	Female
I Year														
II Year														
Total No. of students														

Dropout % :

36. No. of students outside the state : 2

No. of International students : 0

37. Other Achievements of the students :

Sl. No.	Name of Student	Achievement	Level (College / University/ District/ State/ National/ International)
1	Muhammed Shakir K, Abinand K, Jolbin V Sebastian , Navaneeth Sri Vishak M J, Asna N , Muhammed Ramees T, Muhammed shafeeque U, Fainas C S	Qualified online competition conducted by network systems Trivandrum.	National
2	Abhinand, Arjun Prakash, Sudheesh Menon, Eldho Biju, Amrutha, Haritha, Archana, Muhammed razi, Muhammed Riyas, Renjith K,	KSCSTE Student Project (SIPTIS - II)	State

38. Details of campus placement:

On Campus			Off Campus
Number of organizations visited	No. of students participated	No. of students placed	No. of students placed
1	20	6	1

39. No. of students Participated in NSS events:

University level State level

National level International level

40. No. of students participated in NCC events:

University level State level

National level International level

41. No. of Awards won in NSS:

University level State level

National level International level

42. No. of Awards won in NCC:

University level State level

National level International level

43. Extension activities conducted by the Department for the society and students of other department

Sl. No.	Name of Forum/Organization	College forum	NCC/NSS	Any Other (Give details)

44. Students Activities

1. No. of students participated in Sports, Games and other events

State/ University level National level International level

No. of medals /awards won by students in Sports, Games and other events

State/ University level National level International level

2. No. of students participated in cultural events

State/ University level National level International level

No. of medals /awards won by students in Cultural:

State/ University level National level International level

45. Student organized initiatives

Fairs : State/ University level National level International level

Exhibition: State/ University level National level International level

46. No.of social initiatives undertaken by the students

47. Major grievances of students (if any) redressed:

48. University Results:

a. University Results (UG)

Category	No. of Students Attended		No. of Students Passed		A+ (5.5-6)		A (4.5-5.49)		B (3.5-4.49)		C (2.5-3.49)		D (1.5-2.49)		E (0.5-1.49))		F (failed)		
					I st class with distinction				I st Class				II nd class		Pass				
	Total	Female	Total	Female	Total	Female	Total	Female	Total	Female	Total	Female	Total	Female	Total	Female	Total	Female	
SC																			
ST																			
OB C																			
General																			
TO TA L																			

b. University Results (Minority UG)

eral																			
------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

d. University Results (Minority PG)

Category	No. of Students Attended		No. of Students Passed		A+		A		B+		B		C+		C		D		
	Total	Female	Total	Female	Total	Female	Total	Female	Total	Female	Total	Female	Total	Female	Total	Female	Total	Female	
Muslim																			
Christian																			
Jain																			

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

Scholar Support Programme, Walk With Scholar, ASAP

50. No. of student beneficiaries as per item 49

51. No. of students qualified in these examinations

NET SET/SLET GATE CAT

IAS/IPS etc. State PSC UPSC Others

52. General Activities

NS S	NC C	WOME N CELL	CARRI ER GUIDA NCE	RU TH	INSIG HT	BAN K COA CHI NG	COACHIN G FOR ENTRAN CE & COMPETI TIVE EXAM	STUD ENTS GRIV ENCE CELL	ALU MNI

**53. Course/Programme wise
Distribution of pass percentage:**

Title of the programme	Total no. Of students appeared	Distinction%	I%	II%	III%	Pass %
BSc						
MSc						

54. Average percentage of attendance of students in UG

Sl. No.	Year	Average Attendance
1	I Year	80%
2	II Year	74.75
3	III Year	82%
Consolidated attendance(Total of I,II&III Yr)		78.95%

55. 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)	

56. Any other information about the department:

Date:

Head of the Department

Seal