

# IQAC ANNUAL REPORT 2020-21

WMO ARTS AND SCIENCE  
COLLEGE, MUTTIL, WAYANAD  
AFILIATED TO UNIVERSITY OF CALICUT





# INTRODUCTION

The Internal Quality Assurance Cell (IQAC) is committed to ensuring the quality of education provided by the institution by promoting a culture of continuous improvement. The year 2020-21 presented unique challenges due to the global COVID-19 pandemic, which forced institutions to adapt to new modes of teaching and learning.

Despite these challenges, the institution took various initiatives to maintain the quality of education and enhance students' overall learning experience. The report highlights the various activities and initiatives undertaken by the institution during the year to ensure and improve the quality of education.

## IQAC COMPOSITION

SL.NO.	OFFICE BEARERS	NAME
1	Chairperson	Dr. Muhammad Fareed T.P (Principal)
2	Management representative	Mr.Mayan Manima
3	Teaching staff	Dr. Viji Paul ( HOD, Mathematics)
4	Teaching staff	Mr. Siby Joseph
5	Teaching staff	Dr. Najmudheen P
6	Teaching staff	Dr. Nobert Thomas Pallath
7	Teaching staff	Mr. Noufal Muneer
8	Teaching staff	Mr. Abdul Rasheed
9	Teaching staff	Mr. Muhammad Rafi N
10	Teaching staff	Dr. Narayanan MS
11	Administrative staff	Mr. Ashraf V
12	Administrative staff	Mr. Subair P
13	Alumni & Employer	Mr. Shameer Parammal
14	Student Representative	College Union Chairperson
15	Industrialist	Mr. Sharafudheen
16	Coordinator	Dr. Biju KG

### MISSION AND VISION OF IQAC

## IQAC VISION

To ensure quality culture as the prime concern for the Higher Education Institutions through institutionalizing and internalizing all the initiatives taken with internal and external support.

## IQAC OBJECTIVES

- To develop a system for conscious, consistent and catalytic action to improve the academic and administrative performance of the institution.
- To promote measures for institutional functioning towards quality enhancement through internalization of quality culture and institutionalization of best practices.

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## BASIC INFORMATION

### PROGRAMMES AND DEPARTMENTS

Sl.No	Programme name	Year of Introduction
1	BA ARABIC	1995
2	BSc. ELECTRONICS	1995
3	BSc. PHYSICS	1995
4	BSC. MATHEMATICS	2000
5	B.COM WITH CO-OPERATION	2001
6	BA ENGLISH	2005
7	BACHELOR OF COMPUTER APPLICATION	2014
8	B Com WITH COMPUTER APPLICATION	2015
9	BA ECONOMICS	2015
10	BSc. CHEMISTRY	2015
11	BA MASSCOMMUNICATION	2016
12	MSC. PHYSICS	2002
13	MSc. MATHEMATICS	2005
14	M Com	2013
15	M S W	2015
16	MA ENGLISH	2015
17	MSc. STATISTICS	2015
18	M Sc. ELECTRONICS	2021
19	MA ARABIC	2002

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## STUDENT STATISTICS

Sl.No.	Name of the Department	Total Number of students			SC	ST
		Male	Female	Total		
1	BACHELOR OF COMPUTER APPLICATION	67	64	131	8	3
2	BA MASS COMMUNICATION AND JOURNALISM	81	60	141	2	1
3	BA ENGLISH LANGUAGE AND LITERATURE (SELF FINANCING)	44	118	162	2	1
4	BA ECONOMICS (SELF FINANCING)	59	97	156	2	1
5	BA ARABIC LANGUAGE AND LITERATURE	71	83	154	9	3
6	B.Sc PHYSICS	47	76	123	7	1
7	B.Sc MATHEMATICS	25	95	120	1	2
8	B.Sc ELECTRONICS	68	33	101	2	2
9	B.Sc CHEMISTRY(SELF FINANCING)	34	65	99	2	0
10	B.Com COMPUTER APPLICATION(SELF FINANCING)	111	64	175	2	1
11	Bcom.CO-OPERATION	64	129	193	9	3
12	MA ARABIC	6	13	19	0	0
13	MA ENGLISH	3	32	35	1	0
14	MSc ELECTRONICS	1	9	10	2	0
15	MCOM FINANCE	5	51	56	4	2
16	MSc MATHEMATICS	9	39	48	1	0
17	MSc PHYSICS	10	24	34	0	0
18	MSc STATISTICS	3	27	30	0	0
19	MSW	9	26	35	0	1

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## FACULTY DETAILS

Sl.No.	Name of the Department	Number of faculty position			Number of full time faculty	Number of permanent appointment	Number of Guest appointment
		post created by Govt.	post created by management	Total			
1	Arabic	4	3	7	7	7	0
2	Electronics	5	0	5	5	3	2
3	Physics	3	5	8	8	7	1
4	Mathematics	3	6	9	9	8	1
5	Commerce	7	0	7	7	6	1
6	Commerce (SF)	0	4	4	4	4	0
7	English	1	12	13	13	12	1
7	Computer Science	8	0	8	8	7	1
9	Economics	0	4	4	4	4	0
10	Chemistry	0	3	3	3	3	0
11	Mass Communication	0	4	4	4	4	0
12	Social Work	0	4	4	4	4	0
13	Statistics	0	5	5	5	5	0
14	Malayalam	1	1	2	2	2	0
15	Hindi	1	1	2	2	2	0
16	Physical education	1	0	1	1	1	0

## NON TEACHING STAFF DETAILS

Sl.No	Designation	Number		
		Post created by Govt of Kerala	Post created by Management	Total
1	Junior Superintendent	1	0	1
2	Head Accountant	1	0	1
3	Senior Clerk	2	0	2
4	Clerk	3	0	3
5	LD Computer Assistant	1	0	1
6	Lab Assistants	2	2	4
7	Technical Assistants	1	2	3
8	Office attendants	3	1	4
9	Security staff	0	3	3

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10	Cleaning Staff	0	7	7
11	Campus Engineer(Civil)	0	1	1
12	Work Supervisor	0	1	1
13	Plumber cum Electrician	0	1	1
14	Library Assistants	2	1	3
15	Driver	0	1	1
16	Librarian	1	0	1
17	Junior accountant	0	1	1
18	Administrator	0	1	1

### **Campus buildings**

<b>Sl.No</b>	<b>Name/Type of the building</b>	<b>Area(in Sq feet</b>
1	Academic cum Administrative block	72697 Sqft.
2	Library	7290 Sqft.
3	Canteen Building	5916 Sqft.
4	Principal quarters	1238 Sqft.
5	Building of ladies toilet cum common room	2380 Sqft.
6	Boys hostel	19290 Sqft.
7	Girls hostel	12052 Sqft.
8	Creche Building	432 Sqft.
9	Mosque Building	1905 Sqft.
10	Security cabin	104 Sqft.
11	Generator building	580 Sqft.
12	Pump house 1	72 Sqft.
13	Pump house 11	72 Sqft.

## CURRICULAR ASPECTS

### CERTIFICATE COURSES

Sl.No	Name of Add on /Certificate programs offered	Number of Students completing the course in the year
1	Communicative English	62
2	Hardware assembling and Software Installation	74
3	Digital Banking	28
4	House hold wiring	10
5	Video Editing	50
6	Detergent and Hand sanitizer making	20
7	Environmental chemistry	30
8	General fitness	30
9	Recreational Mathematics	75
10	Basics of Astronomy	16
11	Non Conventional Energy sources	25
12	Statistical Data processing and Analysis.	35
13	Advanced Programming In R	14
14	Tally Prime	12
15	Statistical packages for Social sciences (SPSS)	16
16	Basic Communication skill in Arabic	50
17	Arabic DTP with Translation	60
18	Circuit Simulation and PCB designing	31
19	Basics of Flutter	68
20	Research methodology	20
21	LED assembling and repairing	10
<b>TOTAL</b>		<b>736</b>

### BRIDGE COURSES

Sl No	Name of the Programme	Number of students participated	Date of Commencement	Organizing Department
1	Bridge course for I semester BA Arabic	63	20-09-2020	Arbic
2	Bridge course for I semester BSc Physics	42	9-11-2020	Physics
3	Bridge course for I semester BSc Mathematics	60	02-12-2020	Mathematics



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4	Bridge course for I semester BSc Electronics	40	04-01-2021	Electronics
5	Bridge course for I semester BSc Chemistry	15	04-02-2021	Chemistry
6	Bridge course for I semester BCA	15	13-11-20	BCA
7	Bridge course for I semester BCom Coop	67	10-12-2020	Commerce
8	Bridge course for I semester BA Economics	40	16-11-2020	Economics
9	Bridge course for I semester BA Mass communication	62	20-01-2021	Mass communication
10	Bridge course for I semester BA English	50	23-11-2022	English
11	Bridge course for I semester BCom CA	66	23-11-2020	Commerce (SF)
12	Bridge course for I semester MSc Physics	19	18-12-2020	Physics
13	Bridge course for I semester MSc Statistics	14	23-11-2020	Statistics
14	Bridge course for I semester MSc Mathematics	20	10-12-2020	Mathematics
15	Bridge course for I semester MSc Electronics	15	9-03-21	Electronics
16	Bridge course for I semester MCom	30	3-01-2021	Commerce
17	Bridge course for I semester MA English	20	03-01-2021	English
18	Bridge course for I semester MA Arabic	9	03-01-2021	Arabic
19	Bridge course for I semester MSW	17	07-01-2021	Social Work

## YOUTUBE VIDEOS CREATED

Sl. No	Name of The Faculty	Department	No of Videos Created	Link
1	Dr.Biju KG	Physics	69	<a href="https://youtube.com/@bijukoonammakkilgeorge4082">https://youtube.com/@bijukoonammak kilgeorge4082</a>
2	Anu Ann Varghese	Mass communication	3	<a href="https://youtu.be/4rDhJ52Ryy8">https://youtu.be/4rDhJ52Ryy8</a>
3	Aswin P	Mass communication	4	<a href="https://youtu.be/n1pVL11BN2E">https://youtu.be/n1pVL11BN2E</a>

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4	Siby Joseph	Electronics	29	<a href="https://www.youtube.com/watch?v=e-QYPkB5ab4">https://www.youtube.com/watch?v=e-QYPkB5ab4</a>
5	Dr.Viji Paul	Mathematics	22	<a href="https://youtu.be/qnwUXXoteeg">https://youtu.be/qnwUXXoteeg</a>
6	Dr.Sirajudheen K K	Physics	8	<a href="https://youtu.be/d7p5R7aiuRI">https://youtu.be/d7p5R7aiuRI</a>
7	Nidhin soman p	Physics	87	<a href="https://youtu.be/wnwNr-O8Mo0">https://youtu.be/wnwNr-O8Mo0</a>
8	Praveen Mathew	Commerce (SF)	42	<a href="https://youtu.be/On9SIsedxD8">https://youtu.be/On9SIsedxD8</a>
9	Mahmood Aslam K	Commerce (Aided)	30	<a href="https://youtu.be/mlvWAuMKCNw">https://youtu.be/mlvWAuMKCNw</a>
10	Aswathi K	Mathematics	67	<a href="https://www.youtube.com/@achususeela8964">https://www.youtube.com/@achususeela8964</a>
11	Asil.K	Arabic	2	<a href="https://youtu.be/TDtAou35G_c">https://youtu.be/TDtAou35G_c</a>
12	Dr.Thomas thevara	Chemistry	42	<a href="https://www.youtube.com/@thomasthevara9971/videos">https://www.youtube.com/@thomasthevara9971/videos</a>
13	Shabeerali P	Commerce	62	<a href="https://www.youtube.com/@shabeeralipulikkalakath6230/videos">https://www.youtube.com/@shabeeralipulikkalakath6230/videos</a>
14	Sidhique TS	English	4	<a href="https://www.youtube.com/@smskills288/videos">https://www.youtube.com/@smskills288/videos</a>
15	Dr.Nobert Thomas Pallath	Electronics	76	<a href="https://www.youtube.com/@dr.nobertthomaspallath2832/streams">https://www.youtube.com/@dr.nobertthomaspallath2832/streams</a>
16	Dr. KK Hamsa	Statistics	93	<a href="https://www.youtube.com/@hamsakandankulangara8360/videos">https://www.youtube.com/@hamsakandankulangara8360/videos</a>
17	SanthoshKumar C G	Mathematics	33	<a href="https://www.youtube.com/@SanthoshKumar-hw6ih">https://www.youtube.com/@SanthoshKumar-hw6ih</a>
18	Thahira T A	Mathematics	206	<a href="https://youtube.com/@thahirata6151">https://youtube.com/@thahirata6151</a>
		<b>TOTAL</b>	<b>879</b>	

## **FEEDBACKS AND ACTION TAKEN**

### **STUDENT FEEDBACK ANALYSIS**

This report presents the student feedback analysis on the teaching-learning process conducted online due to the Covid-19 pandemic. The feedback was gathered through an online mode using a well-designed questionnaire that aimed to evaluate various aspects of the teacher's performance. The questionnaire consisted of five questions, which focused on the online platforms used by the teacher, the effectiveness of online communication, punctuality in online classes, the teacher's emphasis on knowledge transfer, and the teacher's overall performance. The report

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provides a comprehensive analysis of the feedback obtained from the students. It highlights the strengths and areas of improvement for the teacher in delivering an effective online teaching-learning experience. Based on the feedback analysis several actions were taken accordingly. Both student feedback analysis report and action taken report are displayed in the website.

[https://wmocollege.ac.in/uploads/feedback\\_analysis\\_student2.pdf](https://wmocollege.ac.in/uploads/feedback_analysis_student2.pdf).

[https://wmocollege.ac.in/uploads/Student\\_feedback\\_action\\_taken\\_report-211.pdf](https://wmocollege.ac.in/uploads/Student_feedback_action_taken_report-211.pdf)

#### PARENTS FEEDBACK ANALYSIS

The parents of the students at this college are keen on the studies and moral health of their children. They take good care in giving creative and suitable feedback on various factors related to the curriculum. The Institution collects feedback from parents during annual PTA meetings as well as in the Department-wise class PTA meetings. The feedback format is formulated to analyze the Teaching and Learning Process, Student support programs, Promotion of Co-curricular activities, Teacher-student relationships, Library and availability of resources, General Administration of the college, Conduct of Examinations, Infrastructure, and Programs for integral development. The parental feedback is collected in the form of a questionnaire with a four-grade rating scale. Most of the parents are happy with the course content but some believed the workload on students is heavy, and they must go through the syllabus in a rush before the examination. Based on the feedback analysis several actions were taken accordingly. Both parent feedback analysis report and action taken report are displayed in the website.

[https://wmocollege.ac.in/uploads/Feedback\\_Analysis\\_parent\\_2020-211.pdf](https://wmocollege.ac.in/uploads/Feedback_Analysis_parent_2020-211.pdf)

[https://wmocollege.ac.in/uploads/Parents\\_feedback\\_action\\_taken\\_2020-211.pdf](https://wmocollege.ac.in/uploads/Parents_feedback_action_taken_2020-211.pdf)

#### EMPLOYERS FEEDBACK ANALYSIS

As part of the professional exercise, IQAC collects feedback at random from employers of Alumni regarding the employability skills like the ability to work in a team, Communication Skills, Willingness to follow the code of conduct of the workplace, Time management, Ability to use and adapt to new technologies, Ability to respond positively to criticisms, Problem-solving skills, Ability to take initiative, Ability to motivate subordinates/students. Based on the feedback analysis several actions were taken accordingly. Employers feedback analysis report is displayed in the website.

[https://wmocollege.ac.in/uploads/Feedback\\_analysis\\_Employer\\_2020-211.pdf](https://wmocollege.ac.in/uploads/Feedback_analysis_Employer_2020-211.pdf)

#### ALUMNI FEEDBACK ANALYSIS

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The exuberant network of alumni systems in WMO Arts and Science College is involved with various educational and welfare activities around the world. This wide spectrum of alumni extends their effort to exchange academic and non-academic experiences of the college. Each alumni meeting ends with some strong resolutions and many of them came into action. Members of the alumni were given an opportunity to remark on their academic, and non-academic experiences, and the administrative and infrastructural facilities of the college. The objectives of this feedback are to analyze the importance and relevance of the courses, the functional nature of the course, co-curricular activities, and the campus environment of the college. Based on the feedback analysis several actions were taken accordingly. Both alumni feedback analysis report and action taken report are displayed in the website.

[https://wmocollege.ac.in/uploads/Feedback\\_analysis\\_Alumni\\_2020-211.pdf](https://wmocollege.ac.in/uploads/Feedback_analysis_Alumni_2020-211.pdf)

[https://wmocollege.ac.in/uploads/alumni\\_feedback\\_action\\_taken\\_2020-211.pdf](https://wmocollege.ac.in/uploads/alumni_feedback_action_taken_2020-211.pdf)

#### TEACHERS FEEDBACK ANALYSIS

Feedback is duly collected from teachers every year. As a community that keeps in touch with the different syllabus revisions and the student standards from time to time, the most expert and resourceful suggestions were obtained from them. It is notable that teachers from most of the departments were satisfied with the density of the curriculum offered by the university. The high difficulty level of some courses in the undergraduate syllabus implemented from 2019 onwards was pointed out and communicated the matter with Members of the Board of Study. The syllabus for the BSc Mathematics program was revised in the year 2020, because of the efforts. Based on the feedback analysis several actions were taken accordingly. Both teachers feedback analysis report and action taken report are displayed in the website.

[https://wmocollege.ac.in/uploads/Feedback\\_analysis\\_Teachers\\_2020-211.pdf](https://wmocollege.ac.in/uploads/Feedback_analysis_Teachers_2020-211.pdf)

[https://wmocollege.ac.in/uploads/teachers\\_feedback\\_action\\_taken\\_2020-211.pdf](https://wmocollege.ac.in/uploads/teachers_feedback_action_taken_2020-211.pdf)

#### BOARD OF STUDIES MEMBERS

<b>Sl.No</b>	<b>Name</b>	<b>Designation And Address</b>	<b>Board</b>	<b>University</b>
1	Dr.Nobert Thomas Pallath	Asso.Professor, Department of Electronics	UG-PG Board of Electronics	Calicut University
2	Dr.Biju K.G	Asso.Professor, Department of Physics	UG Board of Physics	Calicut University

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3	Abin Kumar K.R	Asso.Professor, Department of Physical Education	UG Board of Physical Education	Calicut University
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Link to the relevant document : [https://wmocollege.ac.in/uploads/BOS\\_2020\\_00111.pdf](https://wmocollege.ac.in/uploads/BOS_2020_00111.pdf)

## DETAILS OF PROJECTS, FIELD WORKS AND INTERNSHIPS

Sl.No.	Name of the Department	UG/PG	Number of students involved	Total number of projects
1	BCA	UG	26	7
2	BA Arabic	UG	50	7
3	MA Arabic	PG	7	7
4	Bcom Co-operation	UG	65	65
5	BA English	UG	35	35
6	BSc.Electronics	UG	31	6
7	BSc Mathematics	UG	39	10
8	MSc Mathematics	PG	20	20
9	BSc.Physics	UG	39	7
10	MSc.Physics	PG	16	16
11	BA Masscomm	UG	31	31
12	BSc Chemistry	UG	22	5
13	Bcom CA	UG	46	11
14	MSc Statistics	PG	16	16
15	BA Economics	UG	47	10
16	MSW	PG	54	54

Link to the relevant document: [https://wmocollege.ac.in/uploads/Project\\_work1.pdf](https://wmocollege.ac.in/uploads/Project_work1.pdf)

## TEACHING LEARNING AND EVALUATION

### MENTORING SYSTEM

Students mentoring system provides academic, personal, and professional assistance for students and help them in creating personal, professional, and academic goals. Successful mentoring relationships go through four phases, viz ., preparation, negotiating, enabling growth and closure. This is a sequential process and in each phase there are specific steps and strategies involved.

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- Monitoring students' progress
- Individually tailored strategies to help students to succeed
- Exposure to new perspectives and opportunities.
- Helps dealing with personal and academic issues
- Motivates students to try new techniques and to expand their skill
- Specialized advice and enthusiasm in field
- Provide constructive feedback
- Help in building networks Process:
  - Students in each department are divided into groups of 16-20 each and a teacher is deputed as the mentor of each group.
  - Mentors start the mentoring program with a common session, in which the mentor explains about the mentoring system and the personal details of the mentees are collected.
  - In the preparation phase the mentor and mentee take time to know each other and then talk about learning and developmental goals. The mentor will try to identify learning style, strength and weakness of the mentees.
  - In the negotiating phase regular meetings are held between mentor and mentees, negotiate for discussion schedules, establish ground rules and to evaluate progress, milestones and goals.
  - Provide timely support, and create appropriate challenges to facilitate learning. Use the time together productively to evaluate goals and deadlines through the process.
  - Once the mentoring relationship has been established and fostered, mentor will identify the parameters for when the association should change or end. It means that the initial goals of the mentorship have been attained, and it is time to graduate and move on
  - If any student is found to have any major issues, mentor directs them to the counseling center of the college and arranges special sessions
  - Mentors identify financially backward students and recommend them for getting benefits under Edusupport programs.

## STUDENT TEACHER FULL TIME RATIO

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- Number of Mentors: 86
- Number of Students: 1817
- Mentor Mentee Ratio: 1:2
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## PROGRAMME AND COURSE OUTCOME

The programme outcomes (PO) and course outcomes (CO) are framed and stated clearly in the syllabus of all programmes by the respective board of studies and are made available on the University Website as well as in the college website. The college has a well-defined mechanism to communicate it with teachers and students. The link to the relevant document is given below

[https://wmocollege.ac.in/uploads/2\\_6\\_1\\_Additional\\_Info.pdf](https://wmocollege.ac.in/uploads/2_6_1_Additional_Info.pdf)

## GRIEVANCEREDRESSAL CELL

Sl.No	Name of Staff
1	Mr. Siby Joseph
2	Ms.Suma N
3	Dr. Viji Paul
4	Mr. K.R. Abin Kumar
5	Mr. Sebastian Mathew
6	Mr. Siddique T.S
7	Dr. Muhammed shafeeq.T
8	Mr.Mahmood Aslam K
9	Ms. Noorjahan

## RESULT

Number of students appeared	Number of students passed	Pass Percentage
546	392	71.79

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