



## WMO ARTS AND SCIENCE COLLEGE, MUTTIL

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### CRITERIA-VI:6.2.1- The strategic and perspective plan of the institution

The strategic and perspective plan of the institution is briefly outlined here.

#### Curriculum Development:

Each Department designs an Action plan at the beginning of the academic year to deliver the curriculum and an annual academic calendar is designed. Certificate courses are planned to enrich the curriculum. Board of Studies members among the faculties involve in the framing and restructuring of the syllabus.

Sl. No	Name of Add on /Certificate programs offered	Course Code (if any)	No. of times offered during the year
1	Communicative English	WMENG1	1
2	Hardware assembling and Software Installation	WMCS1	1
3	Digital Banking	WMCOM1	1
4	House hold wiring	WMELE1	1
5	Video editing	WMMAS1	1
6	Detergent and Hand sanitizer making	WMCHE1	1
7	Environmental chemistry	WMCHE2	1
8	Personal fitness	WMPH1	1
9	Recreational Mathematics	WMMAT1	1
10	Basics of Astronomy	WMPHY1	1
11	Non Conventional Energy sources	WMPHY2	1
12	Statistical Data processing and Analysis	WMEC 01	1
13	Advanced Programming In R	WMST01	1
14	Tally Prime	WMCO02	1
15	Statistical packages for social sciences(SPSS)	WMST02	1
16	Basic Communication skill in Arabic	WMAR01	1
17	Arabic DTP with translation	WMAR02	1
18	Circuit simulation and PCB designing	WMEL03	1
19	Basics of Flutter	WMCS02	1
20	Research Methodology	WMSW01	1
21	LED assembling and repairing	WMEL02	1

#### Academic council/ BoS members of Affiliating University

Year	Name of teacher participated	Name of the body in which full time teacher participated	Link to the relevant document
2020	Dr Biju K G	Board of studies in Physics, University of Calicut	
2020	Abhin kumar	Board of studies in Physical education, University of Calicut	<a href="https://wmocollege.ac.in/uploads/BOS_2020_0011.pdf">https://wmocollege.ac.in/uploads/BOS_2020_0011.pdf</a>



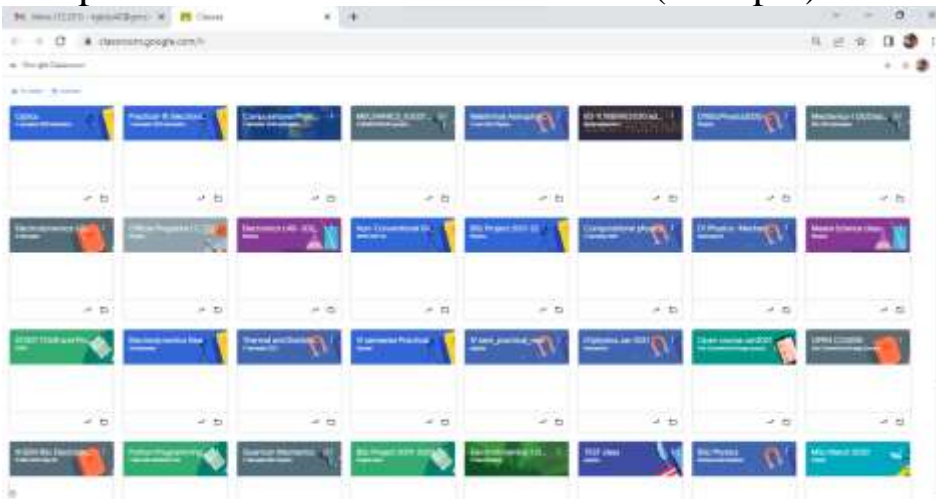
# WMO ARTS AND SCIENCE COLLEGE, MUTTIL

2020	Dr. Nobert Thomas	Board of studies in Electronics, University of Calicut	
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## Teaching and Learning:

Each department Incorporate of ICT enabled teaching-learning and adopt student centric methods whenever possible. Bridge courses and remedial coaching, tutorial system and mentoring system are implemented. Organizes invited talks, seminars, workshops. Develop course outcomes for all courses. Conducts Academic and Administrative Auditing in each department. Students and faculties are encouraged and trained to use online learning resources.

- Sample screen shots of online classes ( Sample)



- Seminar/ Workshop Sample Brochures ( Sample)





# WMO ARTS AND SCIENCE COLLEGE, MUTTIL

REGIONAL ASTRONOMY MEETING  
8 - 10 July 2020  
Theme: Astronomy: Opportunities and Challenges  
Online platform: Google Meet  
Sponsored by:  
WMO  
Highlights of the meeting:  
• Short talks by Senior Astronomers  
• Shorter talks by PhD students and Post Doc  
• Lightning talks by MSc students

- Link to Program and Course outcomes.  
[https://wmocollege.ac.in/pdf/program-course-outcome/PO\\_2019-20.pdf](https://wmocollege.ac.in/pdf/program-course-outcome/PO_2019-20.pdf)
- ICT Enabled class rooms- Sample Photos.





## WMO ARTS AND SCIENCE COLLEGE, MUTTIL

- **Bridge courses and Remedial courses.**

Bridge courses are conducted for all first year UG and PG classes, in the beginning of I semester Classes. Remedial classes were given to weaker students. Special revision classes were conducted for students before the commencement of semester examinations.

### Examination and Evaluation

The internal examinations are conducted in centralized manner and in department level. Unit tests, assignments, viva voce, open book tests, seminars are part of the CIE process.

III SEM BSC_Physics_internal_2019_admission_Electrodynamics-I										
Name	T-2 Marks(25)	T-1 Marks (30)	T-3 Marks(30)	Test -4 (30)	Test-1(3)	Test-2(3)	Attendance(3)	Seminar& Assignments (6)	Total(15)	Total
IA MINNA	5	21	6	12	2.1	1.2	3	6	12.3	13
.T	6	19	10	A	1.9	1	3	6	11.9	12
FARHAN CK	0	28	0	25	2.8	2.5	3	6	14.3	15
HUSSAIN N	13	25	17	20	2.5	2	3	6	13.5	14
IMED FAYAS KK	12	0	13	A	1.44	1.3	3	6	11.74	12
IMED MAHOOK PT	10	17	0	15	1.7	1.5	3	6	12.2	13
IMED MUBASHIR	8	0	4	10	1.1	1	3	6	11.1	12
A M	11	0	0	10	1.32	1	3	6	11.32	12
HA RAJAN	3	0	15	26	1.5	2.6	3	6	13.1	14
KA SAJI	16	28	25	28	2.8	2.8	3	6	14.6	15
.KS	0	0	0	A	0	0	0	0	0	0
HIKA NK	0	9	19	A	1.9	1.2	3	6	12.1	13
.SINSINA	4	13	3	12	1.3	1.1	3	6	11.4	12
SHIBAN P	9	11	0	10	1.1	1.08	3	6	11.18	12
IA SHERIN CA	7	15	8	10	1.5	1	3	6	11.5	12
.SHERIN M	3	12	0	15	1.2	1.5	3	6	11.7	12
.MEHJABIN	1	26	11	18	2.6	1.8	3	6	13.4	14
VJ	12	19	9	15	1.9	1.5	3	6	12.4	13
IA RAFEEQUE	5	13	0	A	1.3	0.6	3	6	10.9	11
UFAIL M	13	26	0	18	2.6	1.8	3	6	13.4	14
K	15	15	0	20	1.8	2	3	6	12.8	13
HAMMED	0	0	0	18	0	1.8	3	6	10.8	11

### Research development

Students are required to do research projects as a part of the curriculum in all departments. three faculty members are research guides. Departments have research collaboration with major institutes. In 2019, UGC's STRIDE project under component-I was sanctioned to 18 colleges all over India, and WMO Arts and Science College is one of them.



## WMO ARTS AND SCIENCE COLLEGE, MUTTIL

Sl. No	Name of the research Guide	Department	Number of PhD students registered in 2020-21
1	Dr. Najmuddeen P	Arabic	3
2	Dr. Yoosaf VK	Arabic	4
3	Dr. TP Muhammad Fareed	Statistics	0



Sl. No	Name of the Ph.D Student	Name of the Supervisor.	Department
1	Mr. Hassan KM	Dr. Najmudheen P	Arabic
2	Mr. Navas PP	Dr. Najmudheen P	Arabic
3	Ms. Shaila KH	Dr. Najmudheen P	Arabic
4	Mr. Muhammed Shan	Dr. Yoosuf VK	Arabic
5	Mr. Shanavas. S	Dr. Yoosuf VK	Arabic
6	Mr. UMARUL FAROOK	Dr. Yoosuf VK	Arabic
7	VAFIRA HANAN KP	Dr. Yoosuf VK	Arabic





# WMO ARTS AND SCIENCE COLLEGE, MUTTIL



**विश्वविद्यालय अनुदान आयोग**  
**University Grants Commission**  
(मानव संसाधन विकास विभाग, भारत सरकार)  
(Ministry of Human Resource Development, Govt of India)  
बहादुर शाह जहाँ मार्ग, नई दिल्ली-110002  
Beharalal Shaha Jahan Marg, New Delhi-110002  
☎ Phone : 011-23233051  
✉ E-mail : shweta@ugc.ac.in

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No. F-2-23/2019 (STRIDE-I) 6 3 DEC 2019

The Principal  
WMO ARTS & SCIENCE College Muttil,  
Muttil South, Kerala 673122

**Subject:** UGC Assistance for Component-1 (Research Capacity Building and Human Resource Development) under STRIDE - (Duration - 2 Years).

Sir/Madam,

1. This is with reference to the proposal submitted by WMO ARTS & SCIENCE College Muttil for Component-1 (Research Capacity Building and Human Resource Development) under Scheme for Trans-disciplinary Research for India's Developing Economy (STRIDE) of the University Grants Commission (UGC).


2. On the basis of the recommendations of the Expert Committee at its Interface Meeting held on 26<sup>th</sup> April 2019, the Government of India has approved the proposal of the College under Component-1 (Research Capacity Building and Human Resource Development) under the STRIDE (duration of 3 years from the date of receipt of first instalment) with the following identified approaches:

- a) Curriculum
- b) Critical Thinking
- c) Faculty Resources
- d) Collaborations and Partnership

2. Criteria of Selection

- f) Training Strategies
- g) Training Methods
- h) Innovations
- i) Implementation Process (time-frame)

The Coordinator of the Project shall be responsible for implementation of the Project as per the identified approaches under the overall supervision of the Principal. He/she may continue till the end of the project or till his/her superannuation.





# WMO ARTS AND SCIENCE COLLEGE, MUTTIL

## Infrastructure

The college has five well equipped laboratories and a library. High speed internet connectivity in the campus.

- LIBRARY



- Computer Labs.





## WMO ARTS AND SCIENCE COLLEGE, MUTTIL

- Physics Lab



- Chemistry Lab.







## WMO ARTS AND SCIENCE COLLEGE, MUTTIL

- Electronics Lab.

