



# **MES COLLEGE MARAMPALLY**

MARAMPALLY P.O., ALUVA - 683 105

## **CALENDAR & HANDBOOK 2023-2024**



Electronics Lab



Microbiology Lab



Biotechnology Lab



Computer Lab



Reading Room



Library



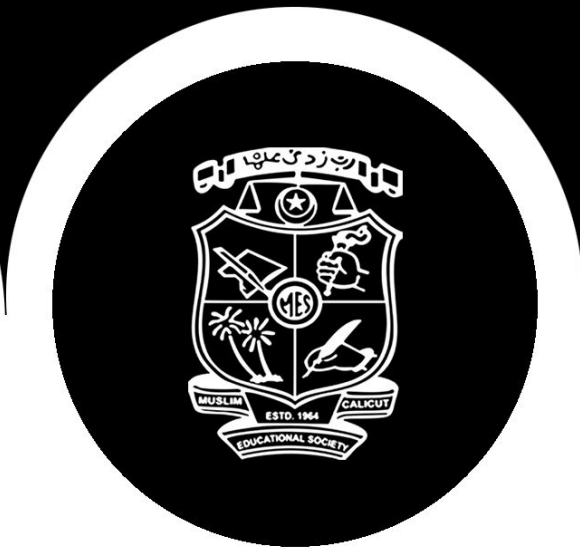
Ladies Hostel



South Block

**MES COLLEGE MARAMPALLY**  
NAAC REACCREDITED A+ COLLEGE (CGPA = 3.38)





## **MES COLLEGE MARAMPALLY**

Marampally P.O., Aluva - 683 105

NAAC Reaccredited with A+ Grade (CGPA = 3.38)  
Aided College Affiliated to Mahatma Gandhi University  
Recognized by University Grants Commission  
A Minority Institution Certified by NCMEI

## **CALENDAR & HANDBOOK 2023-2024**

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14	Lakshmi Hospital, Aluva	0484 - 2631481
15	Ambulance, Arogyalayam Hospital, Aluva	0484 - 2625252
16	Rajagiri Hospital, Aluva	0484 - 2905000
17	Gowri Lakshmi Hospital, Marampally	0484 - 2601600
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21	KSRTC, Perumbavoor	0484 - 2523416
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23	RMS, Aluva	0484 - 2624161
24	Post office, Thottumugham	0484 - 2623202
25	Taluk Office, Aluva	0484 - 2624052
26	Police Station, Aluva	0484 - 2624006
27	Police Station, Perumbavoor	0484 - 2591411
28	Fire Station, Aluva	0484 - 2624101
29	Fire and Rescue Station, Perumbavoor	0484 - 2523123
30	Federal Bank, Marampally	0484 - 2677484



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Roll No:.....

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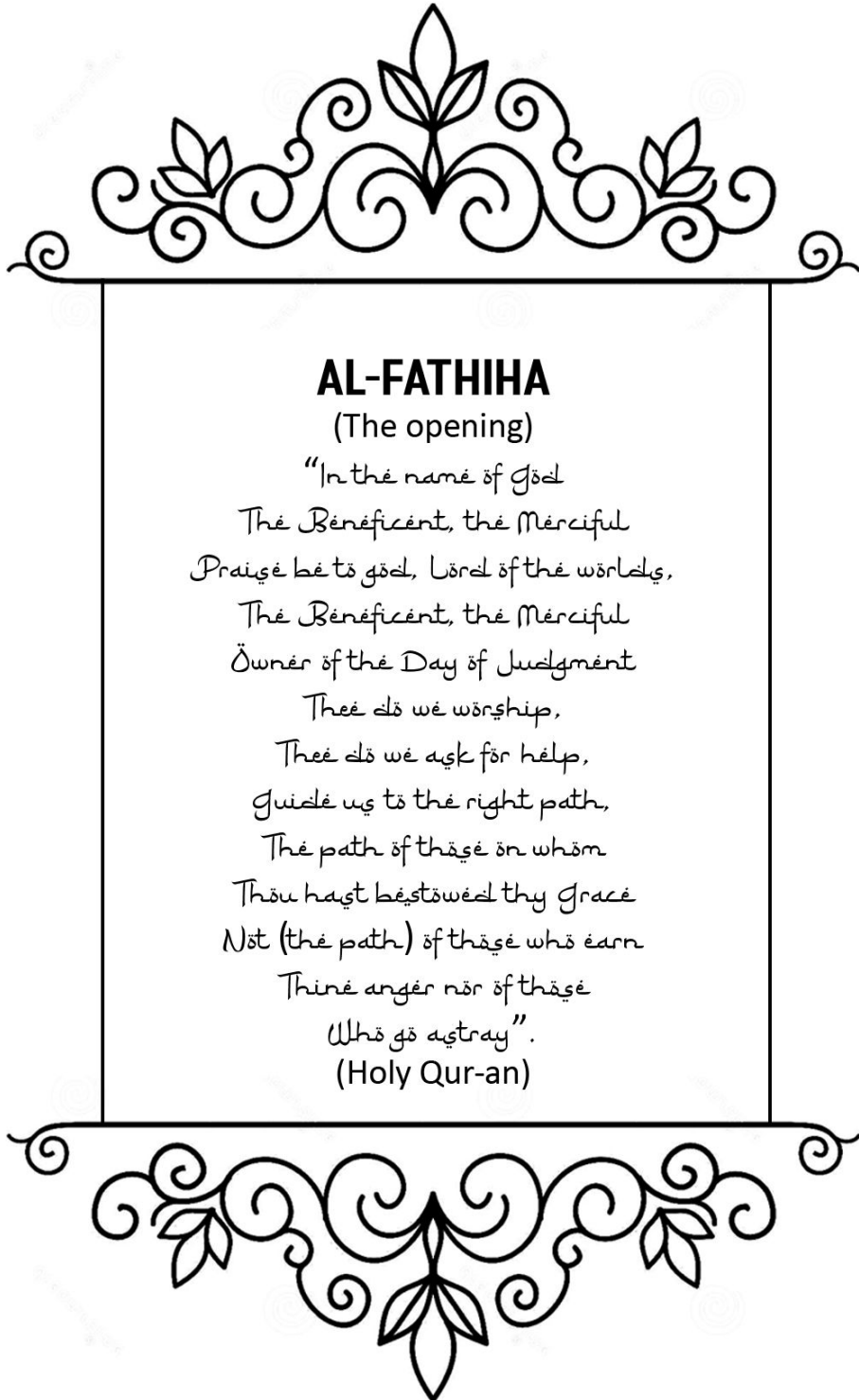
Blood Group:.....

Date of Birth:.....

University Reg. No:.....

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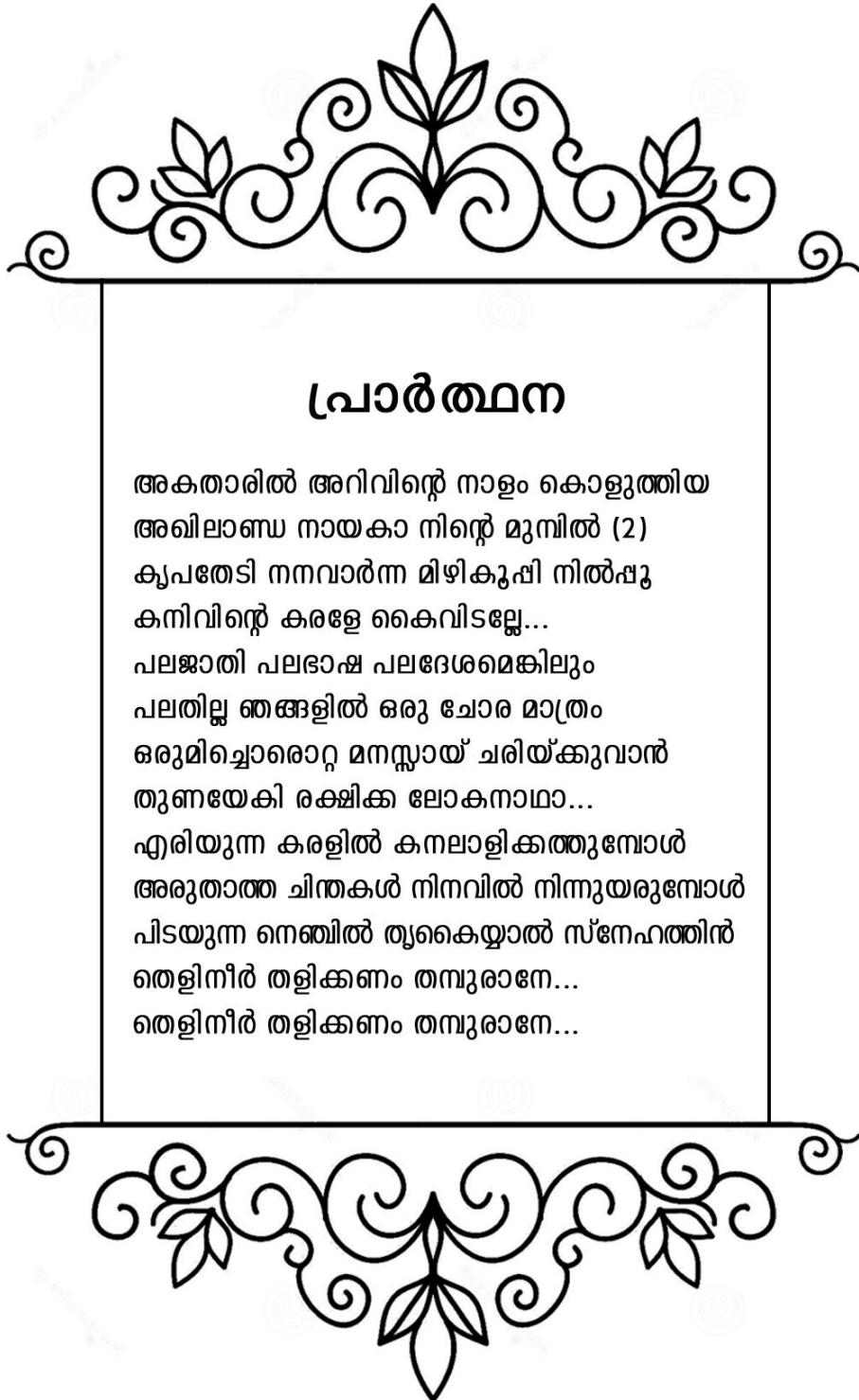
**MES COLLEGE MARAMPALLY**



## **AL-FATHIHA**

(The opening)

"In the name of God  
The Beneficent, the Merciful  
Praise be to God, Lord of the worlds,  
The Beneficent, the Merciful  
Owner of the Day of Judgment  
Thee do we worship,  
Thee do we ask for help,  
Guide us to the right path,  
The path of those on whom  
Thou hast bestowed thy Grace  
Not (the path) of those who earn  
Thine anger nor of those  
Who go astray".  
(Holy Qur-an)



## പ്രാർത്ഥന

അകതാരിൽ അറിവിന്റെ നാളം കൊളുത്തിയ  
 അഖിലാഞ്ചന നായകാ നിന്റെ മുമ്പിൽ (2)  
 കൃപതേടി നന്നവാർന്ന മിഴികുടി നിൽപ്പു  
 കനിവിന്റെ കരളേ കൈവിടല്ലേ...  
 പലജാതി പലഭാഷ പലദേശമെങ്കിലും  
 പലതില്ല ഞങ്ങളിൽ ഒരു ചോര മാത്രം  
 ഒരുമിച്ചൊരൊറ്റ മനസ്സായ് ചരിയ്ക്കുവാൻ  
 തുണയേകി രക്ഷിക്ക ലോകനാഥാ...  
 എരിയുന്ന കരളിൽ കനലാളിക്കത്തുമ്പോൾ  
 അരുതാത്ത ചിന്തകൾ നിനവിൽ നിന്നുയരുമ്പോൾ  
 പിടയുന്ന നെഞ്ചിൽ തൃക്കൈയാൽ സ്നേഹത്തിൻ  
 തെളിനിർ തളിക്കണം തമ്പുരാനേ...  
 തെളിനിർ തളിക്കണം തമ്പുരാനേ...

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# PROFILE OF THE MUSLIM EDUCATIONAL SOCIETY (MES)



Muslim Educational Society was founded in 1964 at Calicut under the tutelage of the inspiring personality Late Dr. P.K. Abdul Ghafoor. From its humble beginning MES has become a pioneer among educational agencies in Kerala. During the initial stages MES focused in educating the Muslim Community, who then had not recognised the importance of modern education. The sincere efforts by MES to bring Muslim community into the mainstream have gained accolades from every walk of the society.

Today MES has become one of the biggest academic organization in India, and owe its success to the vision of Late. Dr. P.K. Abdul Gafoor. Currently MES has a Medical College, Dental College and Nursing College at Perinthalmanna, Engineering Colleges at Kuttippuram, Kunnukara and Chathannoor, Training Colleges at Edathala and Edathanattukara and Aided Arts and Science Colleges at Mannarkad, Ponnani, Kodungallur, Mampad, Valanchery, Nedumkandam and Marampally. There are about twenty self financing Arts and Science Colleges, Higher Secondary Schools, Orphanages, Hospitals etc. are successfully running at various parts of Kerala under Muslim Educational Society.



## THE MES CREST

The Inscription on top of the emblem is a verse from the Holy Quran which means “Oh Lord Enlighten Us”. The balance below signifies the notion of prevailing justice in Islam. The crescent moon and star represent the Muslims across the world. The open script on the top left corner of the core of the emblem represents Holy Quran, the source of all knowledge . Beside it the flamb-eau of Islamic culture is held in sturdy hand. The alphabets MES in the middle is the acroynm for Muslim Educational Society. The coconut trees below symbolise the viridescent land scape of Kerala. The quill pen in the banged hand denotes importance of women empowerment in Islam. The bottom of the crest includes the name of the organization and the year of inception.

## ➤ **VISION**

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To work for the educational, social and economic advancement of the people of India in all possible ways.

## ➤ **MISSION**

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To promote higher and technical education and improve the standard and quality of education among the people in general, minorities and backward classes in particular.

## ➤ **OBJECTIVES**

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- The main objective of the MES is educational, social and cultural up-lift of the marginalised
- The institution adheres to the secularist core values which affirm religious freedom, freedom of conscience, equality and non-discrimination
- To evolve as a higher learning centre imparting knowledge and morals for Nation building; transmitting the ethos of equity and inclusion
- Ensure leadership commitment and stakeholder participation to construct an ideal learning ambience with the principles of holistic education
- To promote graduate attributes in tune with employment market, emphasising skill education and promotion of entrepreneurship

## ➤ **QUALITY POLICY**

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MES College Marampally is committed to the empowerment of students providing quality teaching, conducive learning ambience and holistic education; to evolve them as apostles of humanity and epitome of success.

## ➤ **CORE VALUES**

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1. Quality
2. Equity
3. Inclusion
4. Skill development
5. Service to society
6. Empowerment



## **MES COLLEGE MARAMPALLY**

MES College Marampally is a Government Aided college affiliated to Mahatma Gandhi University, Kottayam, established in the year 1995. The College has reaccredited by NAAC with A+ Grade (CGPA = 3.38) which is the first ever highest grade in the State as per the revised process of accreditation. The campus is located in a rural area between the towns of Aluva and Perumbavoor, set in salubrious lush green surroundings in close vicinity of the river Periyar and proximate to Cochin International Airport.

The governance and the management of the college are anchored in the principles of Muslim Educational Society (Regd.), Calicut which is one of the largest minority educational agencies in Kerala. The establishment facilitated new directions in the field of higher education by offering a significant number of vocational (Model II) and technical programmes in tune with the demands of job market. The introduction of Vocational programmes when the UGC launched B.Voc. programmes bolster its mission statement “to promote higher and technical education”. The larger enrolment of girls and minority students authenticate the institutional commitment towards equity and inclusion. Quality education is imparted to improve the life standards of people in general, minorities and backward classes in particular.

The college offers seventeen UG programmes (which includes seven B. Voc. programmes), nine PG programmes, one Integrated M.Sc. programme in Basic Sciences - Chemistry and two Ph.D. programmes. The Institution also gives due importance to integration of research and invention with the academic activities and ensures a dynamically symbiotic student-neighbourhood community relationship.

## ACADEMIC PROGRAMMES

<b>UNDER GRADUATE COURSES</b>	<ul style="list-style-type: none"> <li>➤ BBA (Aided)</li> <li>➤ BCA (Aided)</li> <li>➤ B.Sc. Electronics (Aided)</li> <li>➤ B.Com. (Model II Computer Applications) (Aided)</li> <li>➤ B.Com. (Model I Taxation) (SF)</li> <li>➤ B.Sc. Biotechnology (SF)</li> <li>➤ B.Sc. Microbiology (SF)</li> <li>➤ B.A. English (Literature, Communication &amp; Journalism Model III Triple Main) (SF)</li> <li>➤ B.A. Arabic (Literature Model II Vocational Translation) (SF)</li> <li>➤ B.Sc. Psychology (Model I) (SF)</li> <li>➤ B.Voc. Logistics Mangement (SF)</li> <li>➤ B.Voc. Animation &amp; Graphic Design (SF)</li> <li>➤ B.Voc. Fashion Design &amp; Management (SF)</li> <li>➤ B.Voc. Software Development &amp; System Administration (SF)</li> <li>➤ B.Voc. Industrial Instrumentation &amp; Automation (SF)</li> <li>➤ B.Voc. Advanced Course in Multi Sports and Fitness Training (SF)</li> <li>➤ B.Voc. Tourism Administration and Hospitality (SF)</li> </ul>
<b>POST GRADUATE COURSES</b>	<ul style="list-style-type: none"> <li>➤ Integrated Programme in Basic Sciences - Chemistry (Aided)</li> <li>➤ M.Sc. Computer Science (Aided)</li> <li>➤ M.Sc. Biotechnology (Aided)</li> <li>➤ M.Sc. Psychology (Aided)</li> <li>➤ M.Sc. Microbiology (SF)</li> <li>➤ M.Sc. Biochemistry (SF)</li> <li>➤ M.Sc. Electronics (SF)</li> <li>➤ M.Com. (SF)</li> <li>➤ M.A. English (SF)</li> <li>➤ MA (HRM) (SF)</li> </ul>
	<ul style="list-style-type: none"> <li>➤ Ph.D. in Biotechnology</li> <li>➤ Ph.D. Computer Science and Allied Areas of Electronics</li> </ul>

**MUSLIM EDUCATIONAL SOCIETY (REGD.)  
CALICUT  
STATE COMMITTEE**

President	Dr. P. A. Fazal Ghafoor
Vice Presidents	Jb. E.P. Moyin Kutty Jb. T.M. Zakkir Hussain Jb. M.M. Ashraf Jb. M. Wahab IPS (Rtd.)
General Secretary	Jb. K.K. Kunjumoideen
Secretaries	Jb. C.T. Zakkir Hussain Jb. Abdurahiman V.P. Jb. A. Jabbar Ali Jb. S.M.S. Mujeeb Rahman
Treasurer	Jb. O.C. Salahudheen
Corporate Manager for Aided Colleges	Dr. K.A. Hashim

**SUCCESSION LIST OF PRINCIPALS**

1	Prof. T.M. Muhammed	1995 - 2000
2	Prof. R. Shoukathali	2000 - 2005
3	Prof. (Dr.) P.K. Suliekha	2005 - 2006
4	Dr. K. Abdul Hameed	2006 - 2007
5	Dr. P.A. Fathima	2008 - 2012
6	Dr. A. Biju	2012 - 2020
7	Dr. Ajims P. Mohammed	2020 - 2021
8	Dr. Ajims P. Mohammed	2022 -

## COLLEGE MANAGING COMMITTEE

Chairman	<b>Adv. A.A. Abul Hassan</b>
Vice Chairman	<b>Mr. P.M. Sidhikutty Master</b> <b>Adv. C.K. Arif</b>
Secretary	<b>M.A. Mohammed</b>
Joint Secretaries	<b>Mr. Navas N H</b> <b>Mr. Silju Ali</b>
Treasurer	<b>Mr. T.M. Zakkir Hussain</b>
Members	<b>Mr. Ashraf M.M.</b> <b>Dr. M.K. Muhammed Aslam</b> <b>Mr. K.M. Shamsuddin</b> <b>Mr. V.U. Hamzakoya</b> <b>Mr. Rasheed P.A.</b> <b>Mr. P.S. Nazirudeen</b> <b>Mrs. Aisha Salim</b> <b>Mr. V.H. Muhammed</b> <b>Mr. Abdul Nassar B.H.</b> <b>Mr. P.K. Nizam</b>
Ex-Officio	<b>Mr. K.M. Leiyakath Ali Khan</b> President MES Ernakulam <b>Mr. Nisar E M</b> Secretary, MES Ernakulam <b>Dr. K.A. Hashim</b> Chairman Standing Committee <b>Dr. P.A. Fazal Ghafoor</b> President MES Kerala <b>Mr. K.K. Kunjumoideen</b> General Secretary, MES Kerala <b>Dr. Ajims P. Mohammed</b> Principal, MES College Marampally <b>Dr. Jubel Mathew</b> Director, MES AIMAT



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43.	Health & Yoga Club		Ms. Arya S. Kumar
44.	Magazine	Chief- Editor	Dr. Umesh B.T.
		Sub-Editors	Ms. Amrita Dinesh Ms Amina Rahana Ms. Parvathy T.S. Ms. Jishna T. Hassan Dr. Jeena John Ms. Anitha Balan Mr. Sharafudheen C.A.
45.	Public Relations	Coordinator	Mr. Rafeeq C.M.
		Joint Coordinators	Mr. Abdul Gafoor T.B. Ms. Amrita Dinesh

No:	Duty		Name of the Staff
46.	Nature Club	Coordinator	Ms. Bhavya Kamal K. Menon
		Joint Coordinators	Ms. Dhanya Sasikumar Ms. Lina Anil Ms. Lithiya Dominic Ms. Shalet Varghese
47.	Cultural Forum	Coordinator	Ms. Ramla Beevi
		Joint Coordinator	Dr. V.M. Abdul Azeez
48.	Computer Literary Forum	Coordinator	Ms. Sulfath C.Y.
		Joint Coordinator	Ms. Arifa P.A.
49.	EECC	Coordinator	Dr. Shemi P.M.
		Joint Coordinator	Ms. Smitha K.
50.	Film & Photography Club		Mr. Joel Reji
51.	Readers Forum	Coordinator	Mr. Praveen E.P.
		Joint Coordinators	Ms. Parvathy T.S. Mr. Sharafudheen C.A. Mr. K.M. Abdul Jamal Ms. Fauziya K.M.
52.	Anti-Drugs Club	Coordinator	Dr. Sam Kollannore U.
		Joint Coordinators	Mr. Rafeeq C.M. Ms. Midhu Micheal Ms. Jishna T. Hassan
53.	Ladies Hostel in-Charge	Warden	Dr. Sopna V. Muhammed
		Resident Tutor	Ms. Arya S Kumar
54.	Men's Hostel in - charge		Mr. Rajesh Koovammal
55.	Counselling Centre	Coordinator	Dr. Rashmi P.
		Joint Coordinators	Ms. Kadheeja Beevi P.A. Dr. Nisha P. Ms. Jishna T. Hassan
56.	Canteen Committee		Mr. Haneefa K.G. Ms. Neelima T.K. Ms. Binila K Pulikkottil
57.	College Bus Advisory Committee	Coordinator	Mr. Ajimsha Maideen
		Joint Coordinators	Ms. Roshni Alex Ms. Neelima T.K. Ms. Rahmath M.K. Ms. Shalet Varghes Ms. Gincy K Varghese
58.	Emergency Response Team	Coordinator	Mr. Dilshad M.K.
		Joint Coordinator	Mr. Afsal Ashraf

No:	Duty		Name of the Staff
59.	Display System- In Charge	Coordinator	Mr. Vivas Salim
		Joint coordinators	Ms. Fathima P.M. Mr. Arun M.S.
60.	Legal Literacy Club		Adv.Mohanraj T.P & Ms. Ansiya P.A.
61.	DST FIST Fund Co	Coordinator	Dr. Ally C. Antony
62.	Red cross	Coordinator	Ms. Sajeena T.A.
		Joint coordinators	Mr. Afsal Ashraf Mr. Aslam Embichy M.M.
63.	Parliamentary Affairs club	Coordinator	Mr. Jasir M.P.
		Joint coordinators	Ms. Roshni Alex Dr. Sajana K Muhammed Ms. Priya T.B.
64.	Alumni Association	Coordinator	Dr. Shemi P.M.
		Joint coordinators	Mr. Abdul Gafoor T.B. Ms. Beema Sainudheen Ms. Riya K. Azeez
65.	RTI - First Appellate Authority RTI -Public information officer RTI - Asst. Public information officer		Dr Ajims P. Mohammed
			Dr Jasmine P.M.
			Mr. Shukur M.M.
66.	SC/ST Cell	Secretary	Mr. Ahamed Jimshad K.
		Members	Ms. Bhavya Kamal K. Menon Mr. Shukkur M.M.
67.	OBC Cell, Liaison officer	Convenor	Dr. Sam Kollannore U.
		Members	Mr. Jishnu P. Kumar Ms. Alpha M. Peter
68.	Minority Cell	Chairperson	Dr. Bindu Jamal
		Convenor	Dr. Abdul Azeez V.M.
		Members	Ms. Sukanya Raj Dr Fousiya Mol M.M.
69.	IPR Cell	Coordinator	Dr. Julie M. David
		Joint coordinators	Adv. Mohan Raj T.P. Mr. Amal Saroj
70.	Divyangjan Co	ordinator	Ms. Arya S. Kumar
71.	Yukthi Co	ordinator	Dr. Rubeena K.A.
72.	Unnat Bharath Abhiyan (UBA)		Dr Raphika P.M.
73.	Internal Complaint Committee	President	Dr. Bindu Jamal
		Teaching Staff	Dr. Leena C. Sekhar Ms. Jasmin S.
		Non-teaching Staff	Ms. Salisa P.S.M. Mr. Shukkur M.M.
74.	Forestry Club	Coordinator	Mrs. Lina Anil
		Joint coordinator	Amritha Dinesh

No:	Duty		Name of the Staff
75.	PG Association	Coordinator	Ms. Nizamole Abdulkader
		Joint coordinators	Ms. Chika K. Gangadharan Ms. Parvathy T.S. Ms. Jasmin S.
76.	General Time Table	Coordinator	Ms. Shabana Basheer
		Joint coordinator	Ms. Midhu Michael
77.	Competitive Examination	Coordinators	Ms. Roshni Alex
		Joint coordinators	Ms. Parvathy T.S. Ms. Anu Ruby Benny Ms. Ansiya P.A.
78.	NET Coaching	Coordinators	Ms. Nizamole Abdul kader Dr. Rubeena K.A.
		Joint coordinators	Ms. Geethu George Ms. Jishna T. Hassan
79.	Annual Reports	Coordinator	Mr. Ajimsha Moidheen
		Joint coordinators	Ms. Sajeena T.A. Ms. Shalet Varghese Ms. Aswathy Vijay
80.	Virtual Labs	NITK	Mr. Amal Saroj
		Amrita University	Ms. Shareena E.M.
81.	Autonomous Inspection	Coordinator	Dr Leena C. Sekhar
		Members	Mr. Joseph Deril K.S. Dr. Priya Chandran Dr. Jaseena K.U. Dr. Rafeekamol CA. Dr. Umesh B.T. Ms. Resiya Karim Mr. Muhammed Sherief K.P. Mr. K.M. Abdul Jamal
82.	ICFOSS		Dr. Leena C. Sekhar
83.	Debate Forum		Mr. Abdul Gafoor T.B.
			Ms. Priya T.B.
84.	UNAI Coordinator		Dr. Rafeekamol C.A.
85.	ISGF Coordinator		Ms. Bhavya Kamal K. Menon
86.	Research Forum	Coordinator	Dr. Umesh B.T.
		Members	Dr. Sopna V. Mohammed Dr. Raphika P.M. Dr. Rafeekamol C.A. Dr. Julie M. David Dr. Ally C. Antony Dr. Mini K. Paul Dr. Bindhu Jamal Dr. Leena C. Sekhar Dr. Jaseena K.U. Dr. Shereena V.B.

## FACULTY REPRESENTATION IN BOARD OF STUDIES AND ACADEMIC COUNCIL

Dr. Ajims P. Mohammed	<ul style="list-style-type: none"> <li>■ Peer team member, NAAC, Bengaluru</li> <li>■ Member Academic Council, St. Thomas College (Autonomous), Thrissur</li> </ul>
Dr. Umesh B.T.	<ul style="list-style-type: none"> <li>■ Chairman, BoS, B.Sc. Biotechnology, MG University</li> <li>■ Member BoS, St. Joseph's College (Autonomous) Irinjalakkuda, Thrissur</li> </ul>
Haneefa K.G.	<ul style="list-style-type: none"> <li>■ President, Association of College Physical Education Teachers, MG University</li> </ul>
Dr. Abdul Azeez V.M.	<ul style="list-style-type: none"> <li>■ Chairman, BoS, UG Programme in Afzal-UI_Ulama, Sreenarayana Guru Open University, Kollam</li> </ul>
Joseph Deril K.S.	<ul style="list-style-type: none"> <li>■ Member, BoS, St. Albert's College (Autonomous), Ernakulam</li> </ul>
Dr. Ally C. Antony	<ul style="list-style-type: none"> <li>■ Member, BoS, M.Sc. Biotechnology, MG University</li> <li>■ Member, BoS, M.Sc. Microbiology, MG University</li> </ul>
Bhavya Kamal K. Menon	<ul style="list-style-type: none"> <li>■ Member, BoS UG and PG, Electronics, Rathnaval Subramaniam College of Arts and Science, Coimbatore</li> </ul>
Jasir M.P	<ul style="list-style-type: none"> <li>■ Member BoS, MG University,</li> <li>■ Member BoS, Calicut University</li> </ul>
Dr. Leena C. Sekhar	<ul style="list-style-type: none"> <li>■ Member, Academic Council, MG University</li> <li>■ Member, BoS, UG, Computer Applications, MG University</li> </ul>
Dr. Jaseena K.U.	<ul style="list-style-type: none"> <li>■ Member, BoS of BCA, B.Voc. Software Development, BCA Cloud Technology and Information Security of Department of Computer Applications, St. Terasa's College (Autonomous) Ernakulam</li> </ul>
Sharafudheen C.A.	<ul style="list-style-type: none"> <li>■ Member, Arabic Language International Council, Beirut</li> </ul>

## RESEARCH GUIDES

Name of the Faculty	Research Area
Dr. Umesh B.T.	Biotechnology
Dr. Ajims P. Mohammed	Management
Dr. Rafeekamol C.A.	Commerce
Dr. Julie M. David	Computer Science
Dr. Raphika P.M.	Electronics
Dr. Jasmine P.M.	Electronics
Dr. Ally C. Antony	Microbiology
Dr. Mini K. Paul	Biotechnology

# COLLEGE RULES

## 1. GENERAL RULES

1. The Rules and regulations of the college are framed by the Management and the Principal in accordance with Government and University rules and the ruling of High Court of Kerala from time to time to ensure a peaceful campus atmosphere.
2. Students of MES College, Marampally shall try their best to uphold the honour and prestige of the institution by humility, fellow feeling and hard work. They should endeavour to create an atmosphere conducive to academic, cultural and social progress.
3. Students must observe strict discipline in the campus. Every student shall be have with dignity and courtesy to the Principal, faculty members, administrative staff, visitors and fellow students.
4. Class hours are from 9:30 am to 4:30 pm. Be in time for classes.
5. The day begins with Morning Prayer. The entire college participates in the Morning Prayer with due respect and devotion. Observe perfect silence during the college morning prayer.
6. Once students are admitted to the college, they are bound by the code of conduct laid down by the college through the college calendar and it is implicit that they should observe the code of conduct necessary for the proper administration and management of the institution.
7. The college has an approved pattern of Uniform Dress which is binding on all students. Students should keep modesty in dressing by keeping away from using indescant dresses. Also they are not allowed to cover their face while they are in the campus. Girls using mafta must wear black plain stole/scarf.
8. Staff members/Discipline Committee shall have the powers to deny admission to students to classes/office/labs/library/meetings/cultural programs and other programs in the case of violation of the dress code of the college.
9. Students shall always wear identity cards issued by the college with tag and show them as and when demanded by the Principal, teachers and office staff/security staff.
10. Students shall not engage themselves in actions that are offensive and are disservice to succeeding generations of students of the college.
11. Political activities and the functioning of the student organizations are strictly banned in the campus. Unofficial meetings, strikes, demonstrations,

agitations, and fund collection are strictly prohibited. Students who violate the above rules are liable to be dismissed from the college summarily.

12. No students shall bring in to the college campus or hostels any banner, flag, board, notice, pamphlet or other such materials for the purpose of any political activity of student organizations or other organizations.
13. The College Management and Principal have taken appropriate measures to isolate the college campus from political activism and external intervention to safe guard the interests of students, academic community, parents and the general public. Students and staff shall cooperate with all such measures including the mode of College Union elections as decided by the College Management and Courts from time to time.
14. Election to the college Union, if required, will be conducted under Parliamentary Mode, as per Lyngdoh Committee recommendations, under the verdict of the Hon'ble High Court of Kerala in WPC © No.19411 of 2012, de hors the directions issued by the University.
15. No meeting or entertainment shall be organized without consent of Principal. Any type of fund raising in the college campus or in the hostel is not allowed with out the permission of Principal.
16. Students taking part in communal and anti-social activities will be severely dealt with strict disciplinary action.
17. Students should not go outside the college during class hours. In the event of unavoidable necessity they should seek special permission of the Principal/Head of the Department/Tutor.
18. No students shall use or keep in possession alcoholic drinks or narcotic, tobacco drugs. Using/keeping of these items will lead to immediate expulsion of the student from the college and hostel.
19. Students shall not enter class rooms other than theirs.
20. Strict silence needs to be observed in classrooms during working hours. Students should not make any noise while moving from class to class.
21. If classes are free during any period, engage yourself in meaningful co-curricular activities. Students should not remain in the dassrooms during free hours as it might disturb other classes. They may go to the library or reading room.
22. Students, other than hostellers are not expected to be present on the campus after 4:30 pm.
23. When member of the staff or any distinguished visitor enter the class, the students shall raise in respect and remain standing till they are allowed to sit or the former has taken seat.



24. No students shall leave the class before the teacher leaves.
25. Habitual negligence in college work, dishonesty, obscenity in word or act or any other acts of misconduct will involve severe disciplinary action.
26. While attending a meeting students shall show due respect to the president and the speakers and shall avoid leaving during the meeting or showing their approval, disapproval in a noisy manner.
27. Students should read the notices put up on the notice board carefully every day and ignorance of any notice thus exhibited will not be accepted as an excuse for failing to comply with.
28. If the teacher is absent, the class representative should inform the concerned department for immediate alternative arrangement.
29. On the basis of the orders issued by various authorities including the Hon'ble High Court of Kerala (WP (c) 23377/09) the use of mobile phones in the College campus is strictly prohibited. A fine of Rs.501/- will be imposed on those who violate this rule. Mobile Phones will not be returned under any circumstances. A surprise inspection squad is formed to implement the rule.
30. Cinematic dance, DJ and Fashion show shall not be allowed inside the College Campus. Violating these rules will meet with disciplinary action.
31. Ragging is prohibited by law. Students shall not indulge in any such activities against a new junior of the college and it will be treated as Ragging and the accused will be made liable for punishment as per the Indian Penal Code.
32. Ragging of any form is a nonbailable offence and requires criminal procedure. If any incident of ragging comes to the notice of the authority, severe action will be taken against such students if they fail to give satisfactory explanation and the matter will be forwarded to the police for further action under criminal procedure.
33. Students can access the following 24 hours toll free telephone number or website of the UGC to register their complaints regarding ragging for which action will be taken within 24 hours, keeping the Intimation confidential. Helpline number: 1800-180-552, Website : [helpline@antir-agging.net](mailto:helpline@antir-agging.net)
34. The Principal shall have the power to inflict the following punishment: fine, loss of attendance, loss of term certificate, suspension, compulsory issue of T.C. and expulsion.
35. Students are not permitted to participate in anti-institutional, anti-national, anti-social, communal, immoral or political expressions and activities within the campus and hostel.

36. Conduct certificate will not be issued as a matter of course. It has to be earned by students' good conduct. Promotion to a higher class, selection for University examinations and issue of progress, attendance conduct certificates are matters absolutely within the statutory and discretionary powers of the Principal and no appeal shall lay against the Principal's decision to any other authority.
37. The Principal shall have the right to issue Transfer Certificate to a student admitted to the college without an application from the students or the guardian at any time during the course of his /her study in the college without assigning any specific reason.
38. For acts of misbehavior the Principal may impose such punishment as fines, cancellation of attendance, withholding certificates, forfeiture of educational concession and scholarship, suspension and expulsion.
39. The Principal or other duly constituted college or hostel authorities may frame and issue from time to time disciplinary rules of permanent or temporary character regulating the conduct of students within and outside the college and the hostel premises with a view to maintain the credit and reputation of the college and the hostels.
40. Cleanliness in classrooms, verandahs, and premises is essential. Avoid leaning against walls and door-ways. Students shall desist from disfiguring the class rooms, the furniture, compound walls and buildings or any part of the college campus by pasting posts, fixing nails or writing on them. They shall also desist from disfiguring the compound walls of building. In the event of such damage and destruction the cost of such products will be recovered from the concerned student/students.
41. Banners, flags, posters, etc shall not be allowed inside the campus or at the gates or compound walls for purpose of any activity without the permission of the Principal.
42. Legal action will be initiated against those who destruct or cause to destruct the properties of the college under existing laws including the prevention of Damage to Public Property Act 1984.
43. Students who are charged in criminal offence and are under suspension shall not be allowed to enter the campus without permission.
44. Students who cross into other colleges or institutions to engage in acts of indiscipline such as organizing demonstrations or strikes will be deemed especially culpable and punished accordingly.
45. Students from other institutions and outsiders should take prior permission with valid identity proof to meet the Principal and staff members. Students from other institutions and outsiders shall not meet or interact

with the students of the college inside the campus without the prior written consent of the Principal.

46. Students from other institution and outsiders disrupting any academic activity or functioning of the college office or any unit thereof shall be treated as infringing in the rights of college authorities to run the institution in a good manner for the public interest. All such deeds will be treated as infringement of the rights of students especially those belonging to orphan, SC/STs and other backward communities to have uninterrupted education. Legal actions including contempt of court will be initiated in all such cases.
47. Outsiders including police and media shall not enter the campus without the permission of Principal.
48. There shall not be any discrimination against any community or category of students of the college and immediate stringent action will be taken against the erring students/officials/faculty members.
49. Photography/video/audio recording and playing in the campus is strictly prohibited. Programs in the college shall be covered only by the persons officially authorized by the Principal.
50. Students are not allowed to bring vehicles into the campus. They have to park their vehicles at the allotted place at their own risk. Stunting and racing of vehicles within and in a radius of 200 metres outside the campus are strictly banned. Only those vehicles which are registered and have valid vehicle parking permits issued by the college will be permitted to park inside the campus. Special parking permits will be issued to physically handicapped students and they have to park their vehicles at the area allotted.
51. The Security personnel/designated college staff are authorized to inspect the records of the vehicles entering the campus and register the details in the gate register.
52. The College Council and Parent-Teacher Association can advise Principal on internal matters of the college.
53. Complaints of students will be looked into if they are presented through the proper channel. Collective petitions however will not be allowed. Students and staff members can make use of the grievance redressal mechanism available in the college.
54. The college authorities reserve the rights to amend, repeal or modify any of the above rules.
55. The terms and conditions of admission and the code of conduct are binding on the student.

56. Any case of criminal activity or violation of law and order in the campus will be reported to the police and the police shall register case and initiate action against offenders.

## **2. ATTENDANCE AND LEAVE**

1. If a student requires leave for personal reasons he/she must get permission from the Principal or the tutor concerned.
2. Application for leave should be made at least two days in advance. When absence due to some unforeseen cause application should be submitted as early as possible.
3. In case of hostel residents, all applications for leave shall be counter-signed by the Warden and should be submitted to the tutor.
4. The application for leave on account of illness should be supported by a medical certificate.
5. For undergraduate programme under CBCS the minimum requirement of attendance during a semester is 75% for each of their respective course (Common, Core, Complementary, Open and Elective Courses). Students may also note that unless they register for the University Examination they will not be eligible for promotion to higher classes.
6. The certificate of attendance mandatory for writing the university examination will not be issued unless the Principal is convinced that the student's conduct and progress are satisfactory and the student has attended 75% of the working days during the semester
7. Students who want to participate in extra-curricular and co-curricular activities will not be granted grace attendance in lieu of such participation unless they get prior written permission from the Principal through applications forwarded by the teachers' in-charge.
8. Student who is absent for ten consecutive working days or two weeks without prior permission will be removed from the nominal roll.

## **3. STUDENTS GRIEVANCE REDRESSAL COMMITTEE**

The institution has a Students Grievance Redressal Committee constituted by the Principal. The chairman of the said committee is the Principal. The committee consists of three teachers nominated by the college council of whom one shall be a lady teacher. The chairman of the college union as well as the secretary shall be the ex-officio members of the said committee. The committee shall meet once in every month and evaluate the steps taken or frame guidelines or general instructions or directions for the maintenance of

peaceful atmosphere in the campus.

(As per M.G.University order No.162/04/2/dt 16/2/05)

#### **4. LABORATORY RULES**

The following are the General rules to be followed in the Biosciences, Computer, Electronics, Physics, Internet and Language Labs.

1. Students should involve in the lab work in the most disciplined fashion. They should realize that Lab hours are the stepping stones to an intimate understanding of the subject and further research.
2. Students should maintain silence and cleanliness within the lab.
3. All equipment should be handled with care and utmost responsibility.
4. No equipment should be displaced from its original position.
5. Strict action will be taken if any article is stolen from the Lab.
6. If any equipment or apparatus is broken out of carelessness, the student will have to pay fine.
07. Students should sign the log book at the commencement of the lab hour.

#### **5. LIBRARY RULES**

1. All members of the staff and students are entailed to use the library for reference and borrowing books.
2. The library will be kept open from 8.00 am to 6.00 pm.
3. Students of programme have been assigned a particular day of a week for borrowing/renewing/ returning books.
4. The students shall register their names in the register book before borrowing books. Students will be allotted a limited number of books for a specified time.
5. A fine of Rs.1/- per day will be charged from those who fail to return their books on their respective due date.
6. Students are advised to report any defect or damage in the book before it has been given to them, otherwise it will be presumed that the book was without damage at the lime it was issued.If a book /periodical is damaged by a member he/she will have to replace it or pay the cost of the book/ periodical.
7. Silence shall be maintained in the college library.
8. Plagiarism software is available in the library. The dissertation/thesis submitted by the students should ask a certificate of plagiarism check.
9. N-LIST and DELNET submission is available in the library.

## **LIST OF JOURNALS**

1. Astrophysics
2. Bioscience
3. Dialoqua
4. Fortis
5. Genetics
6. IETE Journal of Education
7. IETE Journal of Research
8. IETE Tech. Review
9. IJDL
10. Indian Journal of Management
11. Indian Journal of Marketing
12. Indian Journal of Bioscience & Biophysics
13. Indian Journal of Computer Science
14. Indian Journal of Economics
15. Indian Journal of Economics & Research
16. Indian Journal of Finance
17. Indian Journal of Pure and Applied Physics
18. Indian Journal of Research In capital Market
19. Indian Literature
20. Indian Management
21. IUP Journal of English
22. IUP Journal of International Relations
23. IUP Journal of Knowledge Management
24. Journal of Bioscience and Biotechnology
25. Journal of Nanoscience and Nanotechnology
26. Journal of Psychology and Psychotherapy
27. Journal on Computer Science
28. Pramana
29. Proceeding Mathematical Science
30. Psychology and Developing Society
31. Resonance
32. Science and Technology
33. University News

## **NEWS PAPERS**

1. The Hindu
2. The New Indian Express
3. Times of India
4. Deccan Chronicle
5. Malayala Manorama
6. Mathrubhumi
7. Madhyamam
8. Thejas

# PERIODICALS

1. The Week
2. India Today
3. Out Look
4. Sportstar
5. Thozhil Vartha
6. Thozhil Veedhi
7. Bhasha Poshini
8. Arogyam
9. Vanitha
10. Vanitha Veedu
11. Fastrack
12. Grahalakshmi
13. Mathrubhumi Yatra
14. Sambadhyam
15. Fronline
16. G.K. Today
17. Infokairali
18. Business Today
19. Tell Me Why
20. Kudumbam
21. Manorama Traveler
22. Time
23. Mathrubhumi Sports
24. Forbes India
25. Down to Earth
26. Open Source For You
27. Granthalokham
28. Outlook Money
29. Outlook Traveller
30. Readers Digest
31. Arogya Masika
32. PSC Bulletin
33. Chalachitra Sameeksha
34. Outlook Business
35. Bio Spectrum
36. MES News Bulletin
37. Gigit
38. Data Quest
39. PC Quest
40. Overdrive
41. Competition success Review
42. Karshakasree
43. Voice and Data
44. The Caravan
45. Business Plus
46. Electronic For You
47. Ezhuthu
48. MECA News
49. Gospal Messenger
50. Bethlehem News
51. Corporate Citizen
52. Economic and Political weekly
53. Science Reporter
54. Business World
55. Science India
56. Competition Affairs
57. Business Manager
58. Education World
59. BW Education
60. Dhanam
61. Al Thazamun
62. Sneha Bhumi
63. Risala
64. Digital Learning
65. College Teacher
66. Entrepreneur
67. NEET JEE Chemistry Today
68. JEE Mathematics Today
69. Art India
70. Tell Me More
71. NEET JEE Physics For You
72. Entrepreneurs Startups
73. Shanthi Parvam
74. Mathrubhumi Weekly
75. Madhyamam Weekly
76. Employment News
77. Elle Magazine
78. Vogue

## IQAC (INTERNAL QUALITY ASSURANCE CELL)

**Objective:** To promote the academic and administrative performance of the College through conscious, consistent and catalytic action.

**Establishment:** The college has established IQAC in the year 2004 following the accreditation of the college by the National Assessment and Accreditation Council (NAAC). The College has undergone three cycles of accreditation till to the date.

### Functions of IQAC

- Development and application of quality benchmarks/parameters in various activities of the institution.
- Dissemination of information on quality aspects.
- Organization of discussions, workshops, seminars and promotion of quality circles.
- Recording and monitoring quality measures of the institution.
- Acting as a nodal agency of the institution for quality related activities.
- Preparation of the Annual Quality Assurance Report and such other reports as may be decided from time to time.

The IQAC derive major support from the already existing units and mechanisms that contribute to the functions listed above.

### Composition of IQAC

Dr. Ajims P. Mohammed, Principal (Chairperson)

M.A. Mohammed (Chairman, College Managing Committee)

Adv. A.A. Abul Hassan (Secretary & Correspondent, College Managing Committee)

Dr. K.A. Zakkariya (External Expert)

Dr. Jasmine P.M. (IQAC Coordinator)

Dr. Ally C Antony (Department of Biosciences)

Dr. Raphika P.M. (Department of Electronics)

Dr. Farzana S. Hussain (Department of Commerce)

Mr. Haneefa K.G. (Department of Physical Education)

Lt. Ibrahim Salim M. (Department of Computer Applications)

Ms. Sufaira Shamsudeen (Department of Computer Applications)

Mr. Ahamed Jimshad K. (Department of Business Administration)

Ms. Bhavya Kamal K. Menon (Department of Electronics)

Ms. Resiya Karim (Department of Biosciences)

Ms. Minu Muhammed (Department of Animation & Graphic design)

Vice President, PTA & Mr. Muhammed Rafeek. P.K. (Alumni Representative)

### QUALITY CIRCLE

In order to maintain high standards in the various curricular and extra-curricular activities, a forum has been mooted to monitor them. The forum consists of the steering committee members of NAAC and a selected student representative from each class.



# RESEARCH AND INNOVATION

## 1. Research Promotion Council

### Objectives

- To promote and coordinate multidisciplinary research in Science and Technology, Languages, Commerce and Social Sciences.
- Encourage faculty to conduct research in their respective fields and thereby promoting better transaction of knowledge to the student community.
- Encourage and support student research projects.
- Conduct Research methodology Workshops for students and faculty.
- Encourage student paper presentation in various academic platforms.
- Create a conducive environment in the campus to promote collaborative research among faculty and students from various departments.
- Develop educational collaborations with Industry, other colleges, Universities and institutions of higher learning.

## 2. IEDC

IEDC serve as a key platform for fostering innovation and entrepreneurship among students. Our IEDC is associated with Kerala Startup Mission (KSUM) formerly is the nodal agency of Government of Kerala for entrepreneurship development and incubation activities in Kerala, India. The primary objectives of KSUM is to undertake the planning, establishment and management of technology business incubators/accelerators in Kerala, so as to promote technology based entrepreneurship activities and create the infrastructure and environment for promoting high technology based business activities.

### IEDC and incubation cell

Objectives of our IEDC is to strengthen the entrepreneurship development activities in our college, promoting knowledge driven and technology based startup ventures by students and faculties, planning and implementing industry institute linkages and networking etc. For this IEDC of the college offers variety of programmes to students at free of cost. The objectives of IEDC is to create job providers among the college students, to fund seminars and workshops in the college and to provide monetary support to students to participate for academic events outside the college (e.g: Reg. fee).

### Activities offered by IEDC

- Entrepreneurship Awareness Camps
- Ideation workshop
- Design Thinking workshops
- Talk with successful entrepreneurs

- Industrial Visits
- Women entrepreneurship program
- Innovative Workshops and seminars
- Other relevant workshops like IoT, Web designing, Android, Robotics, etc.

### Facilities Available

- Well equipped IEDC/Incubation Room (seating capacity is 25)
- Computer system with high-end specifications
- Trained Nodal officer and 4 other coordinators

### 3. IIC - Institution's Innovation Council

Ministry of Human Resource Development (MHRD), Govt. of India has established 'MHRD's Innovation Cell (MIC)' to systematically foster the culture of Innovation amongst all Higher Education Institutions (HEIs). The primary mandate of MIC is to encourage, inspire and nurture young students by supporting them to work with new ideas and transform them into prototypes while they are informative years.

MIC has envisioned encouraging creation of Institution's Innovation Council (IICs) across selected HEIs. A network of these IICs will be established to promote innovation in the Institution through multitudinous modes leading to an innovation promotion eco-system in the campuses.

#### Major focus of IIC

- To create a vibrant local innovation ecosystem.
- Start-up supporting Mechanism in HEIs.
- Prepare institute for Atal Ranking of Institutions on Innovation Achievements Framework.
- Establish Function Ecosystem for Scouting Ideas & Pre-incubation of Ideas.
- Develop better Cognitive Ability for Technology Students.

### 4. IPR Cell

An IPR cell has formed in the institution on November 26, 2015 based on the staff council decision of August 5, 2015.

#### Objectives

- Conduct of Seminars/workshops on Intellectual Property rights to create awareness among students and teachers.
- Promotion of start-up ventures and ED club activities to instigate an innovation ecosystem in the campus.
- Provide legal support to the inventor to safeguard their intellectual property.

### 5. Fortis

Fortis is a peer reviewed, multi-disciplinary print research journal bearing International Standard Serial Number (ISSN) 2320-6989. The principal aim of

the journal is to strengthen research by publishing articles in Science and Technology, Social Sciences and Humanities. The journal lays stress on knowledge dissemination and offers a platform for scholars, students and faculty to publish their original research work.

## **PARENT TEACHER ASSOCIATION**

The association of the guardians will elect an executive committee at the general body of the parents. This committee will help the institution in promoting and implementing many of the welfare schemes of the college and in maintaining proper academic atmosphere in the college.

### **Objectives**

- To promote the students' well being, and educational success through strong parent, family, and social involvement.
- To promote their ethical values for furthering self esteem, integrity and respect for others.
- To promote inclusivity and to seek inputs from as wide a spectrum of viewpoints as possible.
- To promote parental-institutional bonding for mutual benefit.

## **NATIONAL SERVICE SCHEME (NSS)**

The NSS unit (Unit No.68) of our college started functioning in 1996-97. Membership is open to both boys and girls. The volunteers of the NSS are expected to work for 120 hours a year. The NSS Certificate holders are eligible to get weightage of marks for admission to any course of further study.

## **NATIONAL CADET CORPS (NCC)**

National Cadet Corps is a Tri-Services Organization, comprising the Army, Navy and Air Wing, engaged in grooming the youth of the country into disciplined and patriotic citizens. The NCC unit (sub unit 5280 Army PI under 22 (K) Bn. NCC,Aluva) of our college started functioning in the year 2011. Membership is open to both boys and girls. Lt. Ibrahim Salim, Department of Computer Applications is the NCC officer of our college.

## **YOUTH RED CROSS SOCIETY (YRCS)**

The Youth Red Cross Society (YRCS), an internationally accepted, admired and identified philanthropic voluntary organization, was registered (Reg. no: 46) with 50 students from first year batches of Under Graduate and Post Graduate programmes. The Principal is the Director of YRCS, College unit. With the motto-“Rendering services to the needy”, the club became operational from January 18, 2018. The students are encouraged to participate in philanthropic activities that include timely visit to orphanages, collection and distribution of old clothes for the poor, helping disabled children, serving

the aged, participating in awareness programmes etc. YRCS upholds principles like protection of health and life, service to the sick and suffering and promotion of national and international friendship.

## **ALUMNI ASSOCIATION**

The college has a strong alumni network which aims to maintain the link between past and present students of the institution. The association has been a source of support and inspiration for the students and staff. The association conducts alumni meet 'ORMA' every year in which they share their details of employment and achievements. Scholarship for students, awards for A+ and Ph.D. holders, organizing seminars, workshops, medical camps and campus to corporate are the major contributions of the alumni.

## **STUDENT SUPPORT AND PROGRESSION**

### **1. Tutorial System**

The major objective of the tutorial is to nurture the bond between teachers and students. The students are divided into batches and placed under group tutors. The students can consult his/her tutor for all matters related to academic performances. This system is further reinforced by linking it up with the Parent Teacher Association.

### **2. Equal Opportunity Centre**

Equal Opportunity Centre ensures the effective implementation of policies and programmes for disadvantaged groups; provides guidance and counseling with respect to academic, financial, social and other matters and to enhance the diversity within the campus.

### **3. Remedial Coaching System**

Remedial coaching helps struggling learners to shore up their basic skills. This extra support help them to catch up their peers. The brilliant students of the class are advised to assist their less privileged classmates. The co-operation of the parents is sought for conducting remedial classes on holidays for weak students. Maximum priority is given to the students belonging to the SC, ST, OBC and OEC categories.

### **4. Walk with a Scholar**

Walk with a Scholar (WWS) is a dream project of Government of Kerala which proposes to arrange specialized mentoring programmes for students of Under Graduate Programmes in the college and to provide guidelines for their future career. The Scheme aims at giving necessary orientation to needy students to prepare for employment, and give them necessary guidance, motivation and mental support that enables them to identify

appropriate areas for higher study and employment.

The mentoring scheme is purely voluntary in nature and is open for all students entering the first year UG Programme of study. For the purpose of mentoring, two categories of mentors are identified; Internal Mentors are faculty from the College itself and they are persons who are able to do mentoring and support the scholars and act as a guide in building their career. External Mentors are reputed persons outside the College and from various professions like business, media, law, accounting, engineering etc.

## **5. Scholar Support Programme**

The Scholar Support Programme (SSP) is part of the 'New Initiatives in Higher Education' of the Department of Higher Education, Govt. of Kerala. This compensatory programme aims to overcome the academic weakness of students by imparting personalized additional support through tutorials, lecturers, question bank discussion and interactive sessions.

## **6. Additional Skill Acquisition Programme (ASAP)**

Additional Skill Acquisition Programme (ASAP), an initiative by Higher Education and General Education Departments, Govt. of Kerala aims to bring the students in line with the current labour market, by equipping students with adequate skill sets along with their regular academic courses. ASAP provides short term training programmes like 'Summer Skill Training', 'Summer Skill Skool, etc. to train the students with industry relevant skills.

## **7. Divyangjan**

Divyangjan is a programme for the empowerment and rehabilitation of differentially abled people. This programme provides better accessibility and facilities for such people in the campus and also creates a platform to bring in similar resource persons to various programmes.

## **8. CSI-Student Chapter**

Computer Society of India (CSI), established in the year 1965, is today the largest non-profit IT Professional Society in India which provides platform for exchanging views and information to learn and share ideas. A Student Chapter of CSI has been started functioning under the Department of Computer Applications on 19 December 2018.

# **STATUTORY CELLS/BODIES**

## **1. OBC CELL**

A special cell for the welfare of Other Backward Communities is functioning in our college which facilitates the fruitful implementation of the policies and programmes of the Government of India, UGC and State Government. The cell assists the OBC students to meet their needs to improve their performance in curricular and co-curricular activities.

## **2. SC/ST CELL**

The SC/ST cell of the college is formed with the purpose of empowering the SC and ST Students in the college. The Cell basically helps students for their academic development and ensure proper functioning of the grievance redressal system for SC and ST students.

## **3. Minority Cell**

The minority cell of the college is formed with the purpose of empowering the minority communities and helps minority students for their academic development. The cell facilitates financial support to students from minority communities from government agencies and other sources and also to encourage them to enroll for career orientation programs which would empower and equip them with the necessary skills to choose a career option.

## **4. Anti-Sexual Harassment Cell**

Internal Complaints Committee (ICC) ensures the safety of women in their work environment. The Anti Sexual Harassment Cell alias Internal Complaints Committee of the college constituted as per the guidelines of UGC coordinates the functions and activities. Programmes are organised to spread awareness about the rights of the stakeholders and sensitise them about this issue.

## **5. Anti-Ragging Cell**

The anti ragging cell is a committee which includes Principal, HODs of various departments, PTA executive committee members, student representatives and the anti-ragging cell coordinator .With the onset of every academic year the committee gives orientation lectures to students of the college to make them aware about the anti-ragging laws, consequences of ragging etc. Posters are displayed all over the campus along with the helpline numbers.

## **6. RTI**

RTI, Right to Information Act is a right every indian citizen has. Students have the right to know how their college functions and they should be encouraged to file an RTI if the need arises.

## **CELLS/CLUBS/FORUMS**

### **1. Career Guidance & Placement Cell**

The career development cell organizes career development activities to assist students. This cell is working under the guidance of staff members. Brochures on career information of various institutions will be available from this office.

### **2. Women's Cell**

Women's Cell is a body of female students guided by five lady teachers, presided by the Principal. The college also has a tailoring unit working under the women cell. The women cell has been pressed into service for the

empowerment of girl students. This service unit takes care of creating social awareness, justice and infuses courage and fortitude amongst girls by undertaking certain socially useful projects of women empowerment, women and justice, female health hazards etc. The Women Cell also handles issues related to women welfare.

### **3. Anti-Drug Cell**

The anti-drug cell of the college has been constituted to ensure a drug-free campus by imposing a total ban on the possession or consumption or use of drugs and alcohol by students of the college, within or outside the campus/hostels. The duties of the anti-drugs cell include organizing awareness programmes with the help of government authorized agencies/organizations. Educating the students about the ill-effects of drugs and alcohol, encouraging peer policing among students against the use of drugs and reporting of any noticed use of drugs by the students to the student's affairs committee are also the duties of the anti-drugs cell.

### **4. ED Club**

Entrepreneurship Development Club promotes entrepreneurial skills and qualities among the youth and provide a platform for students to make their own innovation as well as expertise in various fields and thereby contributing towards the economic wellbeing of the nation as a whole. The ED Club of the college envisages at inculcating entrepreneurial culture amongst the youth in order to equip, encourage and inspire by providing the skills, techniques and confidence to act as forerunners of entrepreneurship.

### **5. Fine Arts and Literary Club**

Fine arts and literary club is constituted to promote artistic and literary talents of students. The club brings forth the perfect platform for students to showcase their artistic talents and offers them support in participating various intercollegiate competitions and university youth festivals.

### **6. Nature Club**

Nature club intends to spread the message of environmental preservation and protection. It tries to enlighten the student community by arranging programmes which emphasize the harmony of man and nature.

### **7. LEO Club**

Leo club of MES College provides young people with an opportunity for development and contribution – individually and collectively – as responsible members of their local, national and international communities. It had laid its foundation in MES College Marampally on August 21, 2017. The name given to this international club is MES OASIS. This is an international club, where the service done for the society is recognized worldwide. The inauguration of this club was fruitfully done with the help of

our international district governors of Lions Club and Lions Club of Dubai. The club has around 100 members from various departments of the college who actively participated in various projects and activities intended.

### **8. Parliamentary Affairs Club and Electoral Literary Club**

Parliamentary Affairs Club is an initiative taken to create awareness among the youth on the functions and procedures of parliament. It was launched on 16 January 2018 with an aim of strengthening the roots of democracy, inculcating healthy habits of discipline and tolerance towards the views of others and to enable the student community to understand the proper working of parliament. It envisages the creation of a responsible citizen by advocating democratic values and adult franchise. The club has an objective of rendering the students with a deep commitment to the concept and practice of Parliamentary Democracy.

### **9. Energy and Environmental Conservation Club (EECC)**

To foster conservation of all kinds of energy and protection of environment so as to promote sustainable development of mankind, Energy and Environmental Conservation Club (EECC) is started in the year 2015-16. The club is run under the Departments of Electronics and Physics, in association with Energy Conservation Society (ECS) of Kerala. Its motto is to create awareness about the conservation of energy and the environment resources and promote energy and environmental conservation ideas to the society by organizing various activities. The membership of the club is open to all first and second year UG students.

### **10. Quiz Club**

The Quiz club of the college aims at identifying students with quizzing talent and creating opportunities for them to sharpen their quizzing skills. The club has a group of dynamic talented youth representing various departments. The club lend hands to beginners and lead them to the world of knowledge.

### **11. Red Ribbon Club**

The Red Ribbon Club is a voluntary on-campus intervention programme for students. The club was established in the college during the year 2013. The programme organized by RRC addresses the knowledge, attitude and behaviour of the youths in the interrelated areas of Voluntary Blood Donation, HIV and AIDS, as demanded by their age, environment and life style.

### **12. Film and Photography Club**

The Film and Photography Club provides the students an opportunity to watch, discuss and review films and photography. The club also motivates the students to excel their career in the field of photography and movie making by organizing workshops and competitions.



### **13. Computer Literacy Forum**

Computer Literacy means the knowledge and ability to utilize computers and related technologies efficiently, covering different skills ranging from the elementary use of computers to programming and advanced problem solving. Computer Literacy Forum focuses on providing literacy in Computer and Internet Technologies.

### **14. Readers' Forum**

Readers' Forum is a dedicated platform for book lovers that aim at the academic excellence enriched by the reading habits of students. The Forum delivers the students an ideal space to discuss novels, stories, poems, and articles of their interest. It also conducts reviews and encourages contributions made by students. The members meet on the first Friday of every month for review and presentation which invariably lead to lively discussion and debate. The students enjoy all liberty to select a book of his or her choice from any discipline and is given chance to present its content before an audience comprising students and teachers.

### **15. Cultural Forum**

Our culture, our tradition, our morals are the foundations upon which we build our identity. And campus life is the best time to build upon these values. Our College is very much privileged to have a forum for inculcating and improving cultural and moral values in the campus. The forum also give care to the poor and needy.

## **FACILITIES**

### **1. UGC Network Resource Centre**

The College has availed UGC assistance to commence a Network Resource Centre (UGCNCRC) in the campus and it has been centrally located in the library block. This centre caters to the faculty and students alike for furthering their capacities in the use of multimedia in teaching or learning activity.

### **2. Incubation Centre**

MES College has a full-fledged ED Club actively functioning from the initial years of the college that mainly focuses on the development of entrepreneurial traits and qualities among the college students with assistance of an incubation centre. It also aims to bring innovative opportunities to the student communities in starting new business and service ventures. Incubation Centre started functioning under Techno Park TBI and received an amount of Rs. 2,00,000/- for the initial activities. In 2017, two entrepreneurship awareness camps were sanctioned and funds were provided by DST-NIMAT.

### **3. e-Content Development Studio**

The e-content development studio of the college provides all technical support for teachers to develop high quality e-content of their resources and academic contents. The studio also make available the e-content to teachers and students through various delivery modes for the process of teaching and learning.

### **4. MES Counseling Centre (MMCC)**

MES Counseling Centre (MMCC) was started in the academic year 2014-15 with a vision to address the needs and problems of MES community at their intra personal, interpersonal and social levels in attaining mental health with the support of Parent Teacher Association (PTA)

#### **Services**

The Counseling Centre offers a broad range of services like assessment, counseling, brief psychotherapy and referral on a voluntary and confidential basis. Our purpose is to help students cope with dilemmas in their personal development or with painful life events, and also to help students develop resilience so they are better able to respond to problems and concerns. Crisis intervention and proper management of cases through adequate counseling services to the individual as well as to the family provide enhancement of skills in handling personal problems and interpersonal conflicts by themselves. We also provide individual and group counseling.

#### **Hours of Service**

- Every Monday 9.30-3.30
- Appointment should be taken in advance by contacting the Coordinators of the Counseling Centre.

Principal Counselor- Dr. K. E. Leelamma, Retd. Associate Professor & HOD, U.C. College, Aluva and Coordinator, Department of Psychology.

### **5. Consultancy Services**

The consultancy services provided by various departments are listed below.

- Water Quality Analysis (Department of Biosciences).
- Skill Development Programme (Department of Business Administration).
- Technical support for setting up labs for Electronics and Computer Hardware (Department of Electronics).
- Website Designing (Department of Computer Applications).

### **6. Emergency Response Team**

The Community Emergency Response Team (CERT) program educates volunteers about disaster preparedness for the hazards that may impact their area and trains them in basic disaster response skills, such as fire safety, light search and rescue, team organization and disaster medical operations.

The college has created the Campus Emergency Response Team (CERT or Campus CERT) in order to train students and faculty for campus and support emergency management in various situations. CERT members are trained in personal safety/preparedness, fire suppression and safety, light search and rescue, transporting and treating possible patients in order to provide the greatest good for the greatest number of people during a disaster.

### **7. Visiting Physician Facility**

The College provides the facility for health checkup by a registered medical practitioner twice every month.

### **8. Health Club**

The college health club is equipped with top-class fitness equipments. Both students and staff of the college avail the facilities. Trainers are present onhand to provide advice and support. The college has availed UGC assistance for setting up of health club.

### **9. College Hostel**

Hostel facility has been provided to boys and girls in the campus. Presently the girls hostel can accommodate 300 students and boys hostel has a capacity of 40. The college has availed UGC assistance for setting up the hostel facility.

### **10. College Canteen**

College canteen functioning in the campus assures healthy and economic food for all students and staff in the campus. Students are expected to exercise decency and decorum in the canteen. Students are forbidden to paste notices and bills on the walls of the canteen.

### **11. Transport Facilities**

Twelve buses owned by the institution operate from Kaloor, Vyttila, Nettor, Thripunithura, Kolenchery, Kodungalloor, Paravur, Edavanakkad, Manjali, Cherannalloor, Kothamangalam, Muvattupuzha and Chalakudy.

### **12. Co-operative Society**

The Co-operative Society functions in the college cater to the stationary requirements of students. Staff President: Lt. Ibrahim Salim and Secretary: Smt. Shiji M. Chemparathy.

### **13. Day Care Centre**

The College is providing day care facility, a secure place and environment for children of employees and students by utilizing UGC fund.

## **COLLEGE UNION**

All the students of M.E.S. College, Marampally are ordinary members of the College Union and the members of the teaching staff are its honorary members.

The College Union purports to promote and instill democratic principles among students, to equip them with the rights and duties of citizenship and to provide them opportunities for the development of their personality.

The Executive Committee of the College Union shall consist Chairman, Vice Chairman, General Secretary, University Union Councilors, Arts Club Secretary, Student Editor of the College Magazine, Lady Representatives, Association Secretaries and Class Representatives.

The Principal shall be the treasurer of the College Union.

There shall be a Staff Advisor to the College Union.

### **College Magazine**

MES College Marampally publishes the College Magazine once a year. It is meant for promoting literary and artistic talents of the students. Contributions to the College Magazine will be screened and edited by a nominated body. The student editor of the magazine plays a vital role in the successful publication of the magazine. The Principal's decision will be final in the publication of articles in the magazine.

### **Department Associations**

Each department has an association for planning and implementing various activities depending on the requirements and interest of students. The Head of the Department will be the President of the association and there shall be a student secretary.

## **EXTENSION ACTIVITIES**

### **1. Unnat Bharat Abhiyan**

Unnat Bharat Abhiyan (UBA) is the flagship programme of MHRD, Govt. of India. Its main intention is to uplift India through rural technological transformation. UBA has been Sanctioned to our college in the Academic Year 2018-19. Inspired by the vision of transformational change in rural development processes by leveraging knowledge institutions help to build the architecture of an Inclusive India.

**Themes:** Organic Farming, Water Management, Renewable Energy, Artisans, Industries and Livelihood, Basic Amenities, Convergence.

### **2. Pragathy**

Pragathy, an association of students, teachers, non teachers and management of our college gifts School Bags, Uniforms and Study Materials to the students of Vazhakkulam Govt. U.P. School, annually. This social extension activity has been organizing for last five years under the supervision of Dr. Sopna V. Muhammed, Associate Professor and Head, Department of Business Administration.

**ELIGIBILITY FOR ADMISSION  
UNDER GRADUATE PROGRAMMES**

- **BCA**  
Plus two or its equivalent examination recognized by M.G. University in Science stream with Mathematics/Computer Science/Informatics Practices as optional subjects.
- **BBA**  
Plus Two or its equivalent examination recognized by M.G. University with any optional subjects (50% seats reserved for Science group, 50% for Arts and Commerce group).
- **B.Com. (Model II Computer Applications)**
- **B.Com. (Model I Taxation)**  
Plus two or its equivalent examination recognized by M.G. University with any optional subjects in Commerce Group OR other subjects under part III optional with 45% of aggregate marks.
- **B.Sc. Electronics**  
Plus two or its equivalent examination recognized by M.G. University with Physics, Chemistry & Mathematics as optional subjects.
- **B.Sc. Biotechnology**
- **B.Sc. Microbiology**  
Plus two or its equivalent examination recognized by M.G. University with Biology as one of the optional subjects.
- **B.Sc. Psychology (Model I)**
- **B.A. English (Literature, Communication and Journalism Model III Triple Main)**  
Plus two or its equivalent examination recognized by M.G. University.
- **B.A. Arabic Language & Literature Model II (Vocational Translation)**  
Plus two or its equivalent examination recognized by M.G. University. Also candidates should have working knowledge in Arabic and studied Arabic in Secondary/Higher Secondary/ Equivalent course.
- **B.Voc. Logistics Management**
- **B.Voc. Animation & Graphic Design**
- **B.Voc. Fashion Design and Management**  
Plus two or its equivalent examination recognized by M.G. University.

**ELIGIBILITY FOR ADMISSION  
UNDER GRADUATE PROGRAMMES**

- **B.Voc. Tourism Administration and Hospitality**
- **B.Voc. Advanced Course in Multi Sports & Fitness Training**  
Plus two or its equivalent examination recognized by M.G. University.
- **B.Voc. Software Development and System Administration**  
Plus Two/equivalent examination recognised by M.G. University with Mathematics/Computer Science as optional subjects.
- **B.Voc. Industrial Instrumentation & Automation**  
Plus Two/equivalent examination recognised by M.G. University in any stream with mathematics as one of the optional subjects.
- **M.Com. Finance (SF)**  
Graduation in Commerce /BBA/BBM with not less than CGPA of 1.80 out of 4 in the Core Group (Core + Complementary + Open Courses). OR Graduation in Commerce/ BBA/BBM with not less than CCPA of 4.5 out of 10 in the Core Group (Core + Complementary + Open Courses).
- **M.Sc. Electronics (SF)**  
Graduation in Physics/Instrumentation/Electronics/ Electronics with Computer Maintenance/Computer Science/ Computer Application/Physics (Electronic Equipment Maintenance)/Computer Maintenance and Electronics/ BCA with not less than CGPA of 2.00 out of 4 in the Core Group (Core + Complementary + Open Courses) OR with not less than CCPA of 5.00 out of 10.00 in the Core Group (Core + Complementary + Open Courses).
- **M.A. English (SF)**  
Graduation in English under (Model I/II/III) or graduation in other faculties of language and literature, social science, science, oriental studies that satisfy the eligibility criteria as detailed below. Candidates should possess CGPA of 1.80 out of 4.00 in the Core Group (core plus open and complementary courses). OR Candidates should possess CCPA of 4.5 out of 10.00 in the Core Group (core plus open and complementary courses).

**ELIGIBILITY FOR ADMISSION  
POST GRADUATE PROGRAMMES**

■ **M.Sc. Biotechnology (Aided)**

■ **M.Sc. Microbiology (SF)**

■ **M.Sc. Biochemistry (SF)**

Graduation in Biological Sciences viz, Zoology, Botany, Biochemistry, Biophysics, Biotechnology, Biological Techniques & Specimen Preparation and Microbiology or Chemistry or MLT with not less than CGPA of 2.00 out of 4/with not less than CCPA of 5.00 out of 10.00 in the Core Group in the Core Group (Core + Open + Complementary).

■ **M.Sc. Computer Science (Aided)**

Graduation in Computer Application (BCA) or B.Sc. Degree with Mathematics/Computer Science/Electronics/IT and one of the subjects with not less than CGPA of 2.00 out of 4 in core group (Core + Complimentary + Open Course) or B.Tech Computer Science.

■ **M.Sc. Physics (SF)**

Graduation in Physics or Electronic Equipment maintenance with not less than CGPA of 2.00 out of 4 in the Core Group (Core + Complementary + Open Courses) OR with not less than CCPA of 5.00 out of 10.00 in the Core Group (Core + Complementary + Open Courses)

■ **MA HRM (SF)**

Graduation in Science & Technology with not less than CGPA of 2.20 out of 4.00/with not less than CCPA of 5.50 out of 10.00 in aggregate (Programme CGPA) Or Graduation in other subjects with not less than CGPA of 2.00 out of 4.00/with not less than CCPA of 5.00 out of 10.00 in aggregate (Programme CGPA).

■ **M.Sc. Psychology (Aided)**

Graduation in Psychology /Rehabilitation Science with not less than CGPA of 2.00 out of 4 in Core group or with not less than CCPA of 5.00 out of 10.00 in Core group (Core + Complementary + Open Courses).

■ **Integrated Programme in Basic Sciences - Chemistry (5 Years)**

Plus-Two (+2) in Science stream with minimum 60% marks or equivalent grade.

## FEE STRUCTURE OF AIDED COURSES

Course	Tuition Fee	Special Fee	Caution Deposit	Exam Fee
I BCA	3310	980	360	1500
I B.Sc. Electronics	3310	980	360	1500
I BBA	1105	700	360	1300
I B.Com. CA	1105	980	360	1500
II BCA	3310			1400
II B.Sc. Electronics	3310			1350
II BBA	1105			1300
II B.Com. CA	1105			1300
IIIBCA	3310			1600
III B.Sc. Electronics	3310			1600
III BBA	1105			1600
III B.Com. CA	1105			1600
I M.Sc. Biotechnology	1985	2110	600	2000
II M.Sc. Biotechnology	1985			2500
I M.Sc. Computer Science	1985	2110	600	2000
II M.Sc. Computer Science	1985			2500
I M.Sc. Psychology	1985	2110	600	2000
II M.Sc. Psychology	1985			2500
I Integrated Chemistry	1105	1110	360	2500
I Integrated Chemistry	1105			2500

## SCHOLARSHIPS & AWARDS

### SCHOLARSHIPS

Students can avail the following scholarship as per their eligibility

#### 1. Government of India Scholarships

- National Merit Scholarships
- National Merit Scholarships to the children of school teachers.
- National Scholarships for the students of non Hindi speaking states.
- Scholarships for physically handicapped students.



- Scholarships to SC students.
- Post Metric Scholarship for minorities.
- Single Girl Scholarship.

## 2. Kerala Government Scholarships

- State Merit Scholarships
- Fisheries Scholarships
- Scholarships for Muslim and Nadar girl students.
- Scholarships to physically handicapped students.
- Fishermen Scholarship.
- Kerala State Suvarna Jubilee Merit Scholarship.
- Higher Education Scholarship.

3. Student Aid Fund.

4. MES Endowment Scholarship

5. College Management Scholarship for Self Financing Programmes

## AWARDS

1. **Best Performing Teacher Award:** The college has constituted an award for the Best Teacher of the given academic year. This is constituted for encouraging the academic output of the teaching staff.
2. **Best Performing Non-Teaching Staff Award:** The college has constituted an award for the Best Non Teaching Staff of the given academic year. This is constituted for encouraging the work of NTS.
3. **Best Department Award:** The college has constituted an award for the Best Department of the given academic year. This is constituted for encouraging the activities of the departments.
4. **Best Outgoing Student Award:** The college has constituted an award for the Best Outgoing Student of the given academic year.
5. **Best NSS Volunteer Award**
6. **Best NCC Cadet Award**
7. **PTA Award for University A+ Grade Holders/Class Toppers**
8. **Best College Bus Driver Award:** The college has constituted an award for best college bus driver based on safety, service and feed back from students and Teachers.

# REGULATIONS FOR UNDER GRADUATE PROGRAMMES UNDER CHOICE BASED CREDIT SYSTEM 2017

## TITLE

- These regulations shall be called “Mahatma Gandhi University Regulations for Under Graduate Programmes under Choice Based Credit System 2017”.

## SCOPE

- Applicable to all regular Under Graduate Programmes conducted by the University with effect from 2017 admissions, except for Professional and B.Voc. Programmes. Also applicable to Distance/Private Undergraduate Programmes with suitable modifications. Under Graduate Programmes in Management Studies are included as non-professional programmes.
- Examinations of the courses being run under the Distance/Private registration scheme shall be conducted annually.
- Medium of instruction is English except in the case of language courses other than English unless otherwise stated therein.
- The provisions supersede all the existing regulations for the Regular/Distance/Private Undergraduate programmes to the extent herein prescribed.

## DEFINITIONS

- ***‘Academic Week’*** is a unit of five working days in which the distribution of work is organized from day one to day five, with five contact hours of one hour duration on each day.
- ***‘Choice Based Course’*** means a course that enables the students to familiarize the advanced areas of core course.
- ***‘College Coordinator’*** is a teacher nominated by the College Council to co-ordinate the continuous evaluation undertaken by various departments within the college. He/she shall be nominated to the college level monitoring committee.
- ***‘Common Course I’*** means a course that comes under the category of courses for English.
- ***‘Common Course II’*** means additional language.
- ***‘Complementary Course’*** means a course which would enrich the study of core courses.
- ***‘Core course’*** means a course in the subject of specialization within a degree programme. It includes a course on environmental studies and human rights.

- **'Course'** means a portion of a subject to be taught and evaluated in a semester (similar to a paper under annual scheme).
- **'Credit'** is the numerical value assigned to a paper according to the relative importance of the syllabus of the programme.
- **'Department'** means any teaching department in a college.
- **'Department Coordinator'** is a teacher nominated by a Department Council to coordinate the continuous evaluation undertaken in that department.
- **'Department Council'** means the body of all teachers of a department in a college.
- **'Faculty Advisor'** means a teacher from the parent department nominated by the Department Council, who will advise the student on academic matters.
- **Grace Marks** shall be awarded to candidates as per the University Orders issued from time to time.
- **'Grade'** means a letter symbol (A, B, C, etc.), which indicates the broad level of performance of a student in a Paper/Course/ Semester/ Programme.
- **'Grade Point' (GP)** is the numerical indicator of the percentage of marks awarded to a student in a course.
- **'Institutional Average (IA)'** means average mark secured (Internal + external) for a course at the college level.
- **'Open Course'** means an optional course which the student is free to take at his/her will. Open course shall be a non-major elective course offered by the Departments other than the parent Department.
- **'Parent Department'** means the department which offers core course/ courses within an undergraduate programme.
- **'Programme'** means a three year programme of study and examinations spread over six semesters, the successful completion of which would lead to the award of a degree.
- **'Semester'** means a term consisting of a minimum 90 working days inclusive of tutorials, examination days and other academic activities within a period of six months.
- **'University Average (UA)'** means average mark secured (Internal + external) for a course at the University level.
- **'Vocational Course' (Skill Enhancement Course)** means a course that enables the students to enhance their practical skills and ability to pursue a vocation in their subject of specialization.

#### **ELIGIBILITY FOR ADMISSION AND RESERVATION OF SEATS**

- Eligibility for admissions and reservation of seats for various Undergraduate Programmes shall be according to the rules framed by the University in this regard, from time to time.

## **DURATION**

- The duration of U.G. programmes shall be 6 semesters.
- There shall be two Semesters in an academic year, the “ODD” semester commences in June and on completion, the “EVEN” Semester commences.
- There shall be two months vacation during April/May.
- No student shall be allowed to complete the programme by attending more than 12 continuous semesters.

## **SCHEME AND SYLLABUS**

- The U.G. programmes shall include (a) Common Courses I and II, (b) Core Course(s), (c) Complementary/Vocational Courses, and (d) Open Course. There shall be one Choice Based course (Elective Course) in the sixth semester. In the case of B.Com Programme there shall be an elective stream from third semester onwards.
- Credit Transfer and Accumulation system can be adopted in the programme. Transfer of Credit consists of acknowledging, recognizing and accepting credits by an institution for programmes or courses completed at another institution. The Credit Transfer Scheme shall allow students pursuing a programme in one University to continue their education in another University without break.
- A separate minimum of 30% marks each for internal and external (for both theory and practical) and aggregate minimum of 35% are required for a pass for a course. For a pass in a programme, a separate minimum of Grade D is required for all the individual courses. If a candidate secures F Grade for any one of the courses offered in a Semester/Programme, only F grade will be awarded for that Semester/Programme until he/she improves this to D Grade or above within the permitted period.
- Students who complete the programme with “D” grade in the M.G. University “Regulations for Under Graduate Programmes under Choice Based Credit System 2017” will have one betterment chance within 12 months, immediately after the publication of the result of the whole programme.
- Students discontinued from previous regulations CBCSS 2013, can pursue their studies in the Mahatma Gandhi University “Regulations for Under Graduate Programmes under Choice Based Credit System 2017” after obtaining readmission. These students have to complete the programme as per the Mahatma Gandhi University “Regulations for Under Graduate Programmes under Choice Based Credit System 2017”.
- The practical examinations (external/internal) will be conducted only at the end of even semesters for all programmes. Special sanction shall be given for those programmes which need to conduct practical examinations at the end of odd semesters.

## PROGRAMME STRUCTURE

<b>Model I BA/B.Sc.</b>	a	Programme Duration	6 Semesters
	b	Total Credits required for successful completion of the Programme	120
	c	Credits required from Common Course I	22
	d	Credits required from Common Course II	16
	e	Credits required from Core course and	79
	f	Complementary courses including Project Open Course	3
	g	Minimum attendance required	75%

<b>Model I/II B.Com.</b>	a	Programme Duration	6 Semesters
	b	Total Credits required for successful completion of the Programme	120
	c	Credits required from Common Course I	22
	d	Credits required from Common Course II	16
	e	Credits required from Core course and	79
	f	Complementary courses including Project Open Course	3
	g	Minimum attendance required	75%

<b>Model II BA/B.Sc.</b>	a	Programme Duration	6 Semesters
	b	Total Credits required for successful completion of the Programme	120
	c	Credits required from Common Course I	22
	d	Credits required from Common Course II	16
	e	Credits required from Core course and	79
	f	Complementary courses including Project Open Course	3
	g	Minimum attendance required	75%

<b>Model III BA/B.Sc./ B.Com.</b>	a	Programme Duration	6 Semesters
	b	Total Credits required for successful completion of the Programme	120
	c	Credits required from Common Course I	22
	d	Credits required from Common Course II	16
	e	Credits required from Core + Complementary + Vocational Courses including Project	79
	f	Minimum attendance required	75%

## EXAMINATIONS

- The evaluation of each paper shall contain two parts:
  - (i) Internal or In-Semester Assessment (ISA)
  - (ii) External or End-Semester Assessment (ESA)
- The internal to external assessment ratio shall be 1:4.
- Both internal and external marks are to be rounded to the next integer.
- All papers (theory & practical), grades are given on a 7-point scale based on the total percentage of marks, (ISA+ESA) as given below:-

No.	Percentage of Marks	Grade	Grade Point
1	95 and above	S Outstanding	10
2	85 to below 95	A+ Excellent	9
3	75 to below 85	A Very Good	8
4	65 to below 75	B+ Good	7
5	55 to below 65	B Above Average	6
6	45 to below 55	C Satisfactory	5
7	35 to below 45	D Pass	4
8	Below 35	F Failure	0
9		Ab Absent	0

## CREDIT POINT AND CREDIT POINT AVERAGE

- Credit Point (CP) of a paper is calculated using the formula:-  $CP = C \times GP$ , where 'C' is the Credit and 'GP' is the Grade point
- Semester Grade Point Average (SGPA) of a Semester is calculated using the formula:-  $SGPA = TCP/TC$ , where 'TCP' is the Total Credit Point of that semester (TC= Total Credit of that semester).
- Cumulative Grade Point Average (CGPA) is calculated using the formula:-  $CGPA = TCP/TC$ , where 'TCP' is the Total Credit Point of that programme. Grade Point Average (GPA) of different category of courses viz. Common Course I, Common Course II, Complementary Course I, Complementary Course II, Vocational course, Core Course is calculated using the formula:-  $GPA = TCP/TC$ , where 'TCP' is the Total Credit Point of a category of course. 'TC' is the total credit of that category of course.
- Grades for the different courses, semesters and overall programme are given based on the corresponding CPA as shown below:

GPA	Grade	GPA	Grade
9.5 and above	S Outstanding	5.5 to below 6.5	B Above Average
8.5 to below 9.5	A+ Excellent	4.5 to below 5.5	C Satisfactory
7.5 to below 8.5	A Very Good	3.5 to below 4.5	D Pass
6.5 to below 7.5	B+ Good	Below 3.5	F Failure

## MARKS DISTRIBUTION FOR EXTERNAL AND INTERNAL EVALUATIONS

■ The external theory examination of all semesters shall be conducted by the University at the end of each semester. Internal evaluation is to be done by continuous assessment. For all courses without practical total marks of external examination is 80 and total marks of internal evaluation is 20. Marks distribution for external and internal assessments and the components for internal evaluation with their marks are shown below:

- For all courses without practical
  - a) Marks of external Examination: 80
  - b) Marks of internal evaluation: 20

Components	Attendance	Assignment/ Seminar/Viva	Test papers (2x5=10)	Total
Marks	5	5	10	20

- For all courses with practical
  - a) Marks of external Examination: 60
  - b) Marks of internal evaluation: 15

Components	Attendance	Assignment/ Seminar/Viva	Test papers (2x5=10)	Total
Marks	5	2	8	15

- For practical examinations total marks for external evaluation is 40 for internal evaluation is 10.

Components	Attendance	Test paper (1x4)	Record*	Total
Marks	2	4	4	10

- \*Marks awarded for Record should be related to number of experiments recorded and duly signed by the teacher concerned in charge. All three components of internal assessments are mandatory.

- For projects
  - a) Marks of external evaluation: 80

Components	Dissertation (External)	Viva-Voce (External)	Total
Marks	50	30	80

- b) Marks of internal evaluation: 20

Components	Punctuality	Experimentation/ data collection	Knowledge	Report	Total
Marks	5	5	5	5	20

■ Attendance Evaluation for all papers

% of attendance	90 and above	85 – 89	80-84	76-79	75
Marks	5	4	3	2	1

(Decimals are to be rounded to the next higher whole number)

### ASSIGNMENTS

- Assignments are to be done from 1st to 4th Semesters. At least one assignment should be done in each semester for all courses.

### SEMINAR/VIVA

- A student shall present a seminar in the 5<sup>th</sup> semester for each paper and appear for Viva-voce in the 6th semester for each course.

### INTERNAL ASSESSMENT TEST PAPERS

- Two test papers are to be conducted in each semester for each course. The evaluations of all components are to be published and are to be acknowledged by the candidates. All documents of internal assessments are to be kept in the college for one year and shall be made available for verification by the University. The responsibility of evaluating the internal assessment is vested on the teacher(s), who teach the course.

### ■ Grievance Redressal Mechanism

Internal assessment shall not be used as a tool for personal or other type of vengeance. A student has all rights to know, how the teacher arrived at the marks. In order to address the grievance of students, a three-level Grievance Redressal mechanism is envisaged. A student can approach the upper level only if grievance is not addressed at the lower level.

#### ■ Level 1: Department Level:

The Department cell chaired by the HOD, Department Coordinator, Faculty Advisor and Teacher in-charge as members.

#### ■ Level 2: College level

A committee with the Principal as Chairman, College Coordinator, HOD of concerned Department and Department Coordinator as members.

#### ■ Level 3: University Level

A Committee constituted by the Vice-Chancellor as Chairman, Pro-Vice-Chancellor, Convener - Syndicate Standing Committee on Students Discipline and Welfare, Chairman- Board of Examinations as members and the Controller of Examination as member-secretary.

- The College Council shall nominate a Senior Teacher as coordinator of internal evaluations. This coordinator shall make arrangements for giving awareness of the internal evaluation components to students immediately after commencement of I semester.



- The internal evaluation marks/grades in the prescribed format should reach the University before the 4<sup>th</sup> week of October and March in every academic year.

### **EXTERNAL EXAMINATION**

- The external theory examination of all semesters shall be conducted by the University at the end of each semester.
- Students having a minimum of 75% average attendance for all the courses only can register for the examination. Condonation of shortage of attendance to a maximum of 10 days in a semester subject to a maximum of 2 times during the whole period of the programme may be granted by the University on valid grounds. This condonation shall not be counted for internal assessment. Benefit of attendance may be granted to students attending University/College union/Co-curricular activities by treating them as present for the days of absence, on production of participation/attendance certificates, within one week, from competent authorities and endorsed by the Head of the institution. This is limited to a maximum of 10 days per semester and this benefit shall be considered for internal assessment also. Those students who are not eligible even with condonation of shortage of attendance shall repeat the semester along with the next batch after obtaining readmission.
- All students are to do a project in the area of core course. This project can be done individually or in groups(not more than five students) for all subjects which may be carried out in or outside the campus. Special sanction shall be obtained from the Vice-Chancellor to those new generation programmes and programmes on performing arts where students have to take projects which involve larger groups. The projects are to be identified during the II semester of the programme with the help of the supervising teacher. The report of the project in duplicate is to be submitted to the department at the sixth semester and are to be produced before the examiners appointed by the University. External Project evaluation and Viva/Presentation is compulsory for all subjects and will be conducted at the end of the programme.
- There shall be supplementary exams only for fifth semester. Notionally registered candidates can also apply for the said supplementary examinations. For reappearance/improvement for other semesters the students can appear along with the next batch.
- A student who registers his/her name for the external exam for a semester will be eligible for promotion to the next semester.
- A student who has completed the entire curriculum requirement, but could not register for the Semester examination can register notionally,

for getting eligibility for promotion to the next semester.

- A candidate who has not secured minimum marks/credits in internal examinations can re-do the same registering along with the University examination for the same semester, subsequently. There shall be no improvement for internal evaluation.

### **PATTERN OF QUESTIONS**

Questions shall be set to assess knowledge acquired, standard and application of knowledge, application of knowledge in new situations, critical evaluation of knowledge and the ability to synthesize knowledge. The question setter shall ensure that questions covering all skills are set. She/he shall also submit a detailed scheme of evaluation along with the question paper. A question paper shall be a judicious mix of short answer type, short essay type /problem solving type and long essay type questions.

(a) Without practical

No.	Pattern	Marks	Choice of Questions	Total Marks
1	Short Answer/problem type	2	10/12	20
2	Short essay/problem	5	6/9	30
3	Essay/problem	15	2/4	30
Total Marks : 80				

(a) With practical

No.	Pattern	Marks	Choice of Questions	Total Marks
1	Short Answer/problem type	1	10/12	10
2	Short essay/problem	5	6/9	30
3	Essay/problem	10	2/4	20
Total Marks : 60				

### **RANK CERTIFICATE**

The University publishes rank list of top 10 candidates for each programme after the publication of 6th semester results. Rank certificate shall be issued to candidates who secure positions from 1st to 3rd in the rank list. Candidates who secure positions from fourth to tenth in the rank list shall be issued position certificate indicating their position in the rank list. Candidates shall be ranked in the order of merit based on the CGPA scored by them. Grace marks awarded to the students should not be counted fixing the rank/position.

# Programme Outcomes Under Graduate Courses

## **BACHELOR OF COMPUTER APPLICATIONS**

**PO1:** The basic objective of the programme is to open a channel of admission for computing courses for students, who have done the 10+2 and are interested in taking Computing/IT as a career.

**PO2:** To develop skilled manpower in the various areas of Information Technology like: Database Management, Software Development, Computer Languages, Software Engineering, Web-Based Applications, etc.

**PO3:** To produce employable IT workforce, that will have sound knowledge of IT and Business Fundamentals that can be applied to develop and customize solutions for Small and Medium Enterprises.

## **BSc. ELECTRONICS**

**PO1:** To read, understand and interpret physical information – verbal, mathematical, graphical and to impart skills required to gather information from resources and use them.

**PO2:** To give need based education in physics of the highest quality at the undergraduate level and to offer courses to the choice of the students.

**PO3:** To perform experiments and interpret the results of observation, including making an assessment of experimental uncertainties.

**PO4:** To provide an intellectually stimulating environment to develop skills and enthusiasms of students to the best of their potential.

**PO5:** To use Information Communication Technology to gather knowledge at will and to attract outstanding students from all backgrounds.

## **BACHELOR OF BUSINESS ADMINISTRATION**

**PO1:** To provide students with foundational knowledge on different aspects of the administration of a business concern.

**PO2:** To train the students to become competent enough for entry level management professionals.

**PO3:** To impart basic and operational knowledge on all functional areas of management, making the programme convergently unique.

**PO4:** To make young BBA's a change agent in the society by fostering values which self proclaim that "Turning to enterprising, serves the society and the nation".

## **BCom (MODEL II COMPUTER APPLICATIONS)**

**PO1:** Provide conceptual knowledge of financial accounting and to impart skills for recording various kinds of business transactions.

**PO2:** Demonstrate knowledge of major theories and models in key areas of organisational behaviour.

**PO3:** Analyse organisational problems and generate realistic solutions based on current academic research in organisational behaviour.

**PO4:** Develop effective communication skills through seminars, project presentations and classroom activity to utilize them in practical situations for meaningful interactions.

**PO5:** Develop a deep realization on Human Rights, Gender and Environmental issues from a global and regional perspective in order to make empathetic decisions and offer creative, constructive and sustainable solutions.

**PO6:** Attain life-readiness through problem-solving skills and competencies

**PO7:** Demonstrate a knowledge of key concepts underlying quantitative decision analysis

**PO8:** Critically evaluate new ideas, research findings, methodologies, and theoretical frameworks in a specialised field of study.

**PO9:** Apply logical reasoning and critical thinking acquired from the - classroom and laboratory courses in real-life situations.

### **B.Com. (MODEL I TAXATION)**

**PO1:** Provide conceptual knowledge of financial accounting and to impart skills for recording various kinds of business transactions.

**PO2:** Demonstrate knowledge of major theories and models in key areas of organizational behaviour.

**PO3:** Analyse organisational problems and generate realistic solutions based on current academic research in organisational behaviour.

**PO4:** Students will be able to demonstrate progressive learning of various tax issues and tax forms related to individuals

**PO5:** To develop an attitude for working effectively and efficiently in business environment

**PO6:** To develop the skill of applying concepts and techniques used in commerce

**PO7:** To enable a student to be capable of making decisions at personal and professional level

### **B.Sc. BIOTECHNOLOGY**

**PO1:** Students learn to adapt themselves to laboratories where scientific temper is important

**PO2:** The students are taught to use the laboratory instruments and also to optimize them.

**PO3:** The students are trained to skillfully work in laboratories and also research centres.

### **B.Sc. MICROBIOLOGY**

**PO1. Critical Thinking:** This course is aimed at improving the problem solving, critical thinking and analytical reasoning of the students as needed in the case of scientific problems.

**PO2. Problem Solving Skills:** the students are taught to solve problems competently by understanding the essential points of a problem and developing a way to solve the problem. The students are taught to develop the solution to a problem by the application of the correct techniques. Also the correctness of the applied technique is evaluated and the results are interpreted.

**PO3. Communication Skills:** This helps the students to communicate their views and ideas to the world personally and by the use of social media.

### **B.Sc. PSYCHOLOGY**

**PO1.** To familiarize with the major concepts, theoretical perspectives and fields in Psychology.

**PO2.** To develop a critical understanding of Psychology and apply psychological principles to personal, social and organizational matters.

**PO3.** To understand and apply research methods in Psychology including research design, data analysis and interpretation.

### **BA ENGLISH MODEL 3: TRIPLE MAIN - LITERATURE, COMMUNICATION AND JOURNALISM**

**PO1:** The graduate will have been acquainted with the different genres of literature

**PO2:** The graduate will have been equipped to approach a literary text with a critical bent of mind

**PO3:** The graduate will have been equipped to integrate the use of the four language skills i.e. Reading, Listening, Speaking and Writing.

**PO4:** The graduate will have acquired the skill at Creative Writing, skill at Translating a literary text, skill at Oration and Interpersonal skills

**PO5:** The graduate will have understood various concepts related to Journalism

**PO6:** The graduate will have gained practical experience in the field of Journalism

### **B.A. ARABIC (LITERATURE MODEL II VOCATIONAL TRANSLATION)**

**PO1:** To perfect the mastery of language with efficient communicative skills.

**PO2:** To build up the capacity of translation and communication among the students.

**PO3:** To acquire a good set of vocabulary and language structure.

**PO4:** To obtain a firm grasp of the linguistic and structural features of Quran and Hadith.

**PO5:** To make an awareness of the Islamic History.

**PO6:** To understand the historical background of Arab- Muslim culture and civilization affected by history and destiny of the mankind.

**PO7:** To create awareness about Arabic literature to make students the ability to grasp the modern Essays and to train for preparation of articles on current issues.

**PO8:** To introduce the basic forms of Arabic structures and morphology through applied models so as to help the students for developing the skill to use the correct written language.

**PO9:** To acquire basic and fundamental skills in computational presentation and publishing in Arabic.

**PO10:** To perfect the mastery of applications like word processing, presentation and designing using Arabic operating system.

### **B.Voc. TOURISM ADMINISTRATION AND HOSPITALITY**

**PO1:** Wide range of transferable skills like teamwork, leadership, problem-solving, presentation skills, IT skills, research skills and communication skills with a strong focus on the customer.

**PO2:** Apply the concepts and skills necessary to achieve guest satisfaction.

**PO3:** Use knowledge of best practices to further sustainability (economic, environmental, and cultural/social) in the tourism industry.

**PO4:** . Demonstrate the knowledge that the foundation of tourism is based on the respect of the host culture with the responsibility to perpetuate the unique values, traditions, and practices of that place.

### **BVoc MULTI SPORTS AND FITNESS TRAINING**

**PO1:** Proficiency in Multi-Sport Training: Comprehensive understanding and hands-on experience in training individuals across various sports disciplines, focusing on skill development, strategy, self defence and fitness.

**PO2:** Applied Sports Science Knowledge: Ability to apply sports science principles, including biomechanics, physiology, nutrition, and psychology, to optimize athlete performance and fitness programs.

**PO3:** Specialization in Fitness Training: Mastery in designing and implementing personalized fitness programs, encompassing strength training, conditioning, flexibility, and injury prevention for diverse populations.

**PO4:** Technical Competence: Proficiency in using modern technology and equipment related to sports analytics, performance tracking, and fitness assessment tools.

**PO5:** Ethical Coaching Practices: Understanding and application of ethical coaching practices, including fair play, sportsmanship, and athlete well-being.

PO6: Professional Development: Skills in communication, leadership, and business management specific to sports and fitness industries, preparing graduates for roles as trainers, coaches, or sports managers.

### **B.Voc. LOGISTICS MANAGEMENT**

**PO1:** The bachelor's degree programme in Logistics Management typically covers syllabus on management of customer service, packaging, logistics information system transportation management, warehousing and inventory management.

**PO2:** The programme would inculcate both functional/ domain and personal skills to succeed as a manager in Logistics, Supply Chain and related industries.

**PO3:** Moreover graduates may learned about storage and movement, information and material processing, raw material acquisition and the delivery of products to merchants and customers.

### **B.Voc. ANIMATION & GRAPHIC DESIGN**

**PO1:** To familiarize the students with various approaches, methods and techniques of Animation Technology.

**PO2:** To develop competencies and skills needed for becoming an effective Animator.

**PO3:** To enable students to manage Animation Projects from its Conceptual Stage to the final Product creation.

**PO4:** To train students in applying laws of human motion and psychology in 2-D or 3-D Characters.

**PO5:** To develop expertise in life-drawing and related techniques.

**PO6:** To apply Audio and Video Production Techniques to an Animation Project

### **B.Voc. FASHION DESIGN AND MANAGEMENT**

**PO1:** Graduates will be equipped with the necessary knowledge, technical, creative and managerial skills in fashion designing.

**PO2:** Graduates will be able to communicate effectively with the industry hierarchy.

**PO3:** Graduates will have knowledge about health, safety and legal issues in Fashion industry

**PO4:** Graduates will have knowledge and understanding of related norms and ethics in the Fashion industry.

**PO5:** Graduates will be able to undertake responsibility either as an individual or as a team member.

### **B.Voc. INDUSTRIAL INSTRUMENTATION AND AUTOMATION**

**PO1:** Graduates will be equipped with the necessary knowledge, technical, creative and managerial skills in instrumentation and automation field.

**PO2:** Graduates will be able to communicate effectively with the Industrial hierarchy.

**PO3:** Graduates will have knowledge about health, safety and legal issues in industry

**PO4:** Graduates will be able to undertake responsibility either as an individual or as a team member.

**PO5:** After completing diploma Students will be able to work as a technician in Instrumentation and Electronic Automation Industry.

**PO6:** Advanced diploma and Diploma certificates holders are eligible to work as Supervisor and Manager level in the respective fields

### **B.Voc. SOFTWARE DEVELOPMENT AND SYSTEM ADMINISTRATION**

**PO1:** Graduates will be able to communicate effectively

**PO2:** Graduates will be able to develop various software applications on different platforms.

**PO3:** provide students with reinforcement of mathematical computations. Develop proficiency to solve math problems related to their field.

**PO4:** Graduates will be able to undertake responsibility either as an individual or as a team member.

**PO5:** Graduates will have knowledge and understanding of related norms and ethics in Cyber Security



# SYLLABUS OF UNDER GRADUATE PROGRAMMES

## BACHELOR OF COMPUTER APPLICATIONS

Sem	Code	Subject	Hrs./ Week	Credit
I	EN1CC01	English- I Fine Tune Your English	5	4
	MM1CMT01	Mathematics	4	4
	ST1CMT01	Basic Statistics	4	4
	CA1CRT01	Computer Fundamentals and Digital principles	4	4
	CA1CRT02	Methodology of Programming and C Language	4	3
	CA1CRP01	Software Lab - I	4	2
II	EN2CC03	English-II Issues that Matter	5	4
	MM2CMT02	Discrete Mathematics	4	4
	CA2CRT03	Data Base Management Systems	4	3
	CA2CRT04	Computer Organization and Architecture	4	4
	CA2CRT05	Object oriented programming using C++	3	4
	CA2CRP02	Software Lab- II	5	2
III	CA3CRT06	Advanced Statistical Methods Complementary	4	4
	CA3CRT07	Computer Graphics Core	4	4
	CA3CRT08	Microprocessor and PC Hardware Core	3	4
	CA3CRT09	Operating Systems Core	4	4
	CA3CRP03	Data Structure using C++ Core	4	3
	CA3CRP03	Software Lab - III	6	2
IV	CA4CRT10	Operational Research Complementary	4	4
	CA4CRT11	Design and Analysis of Algorithms Core	4	4
	CA4CRT12	System Analysis & Software Engineering Core	4	4
	CA4CRT13	Linux Administration Core	4	4
	CA4CRP04	Web Programming using PHP Core	3	3
	CA3CRP04	Software Lab - IV	6	6
V	CA5CRT14	Computer Networks	3	4
	CA5CRT15	IT and Environment	4	4
	CA5CRT16	Java Programming using Linex	3	3
	CA5OPT01	Computer Fundamentals, Internet & MS Office	4	3
	CA5CRP05	Software lab - V	5	2
	CA5CRP06	Software Development Lab - I (Mini Project)	6	2
VI	CA6CRT17	Cloud Computing	4	4
	CA6PET18	Mobile Application Development-Android	4	4
	CA6PET	Elective Course	4	4

I	CA6CRP07	Software Lab - VI and Seminar	6	2
	CA6CRP08	Software Development Lab II (Main Project)	7	3
	CA6VVT01	Viva Voce		1

### B.Sc. ELECTRONICS

Sem	Code	Subject	Hrs./ Week	Credit
I	EN1CC01	English - I Fine Tune Your English	5	4
	EL1CRT01	Basic Electronics	4	4
	EL1CRT02	Methodology of Science	4	4
	EL1CRP01	Basic Electronics Lab-Practical	4	2
	PH1CMT09	Physics-Solid State Physics	4	3
			Mathematics - I	4
II	EN2CC03	English- II Issues that Matter	5	4
	EL2CRT03	Electronic Circuits	4	4
	EL2CRT04	Network Theory	4	4
	EL2CRT05	Digital Electronics	4	4
	EL2CRT02	Digital Electronics Laboratory-Practical	4	2
			Mathematics- II	4
III	EL3CRT06	Analog Communication	4	4
	EL3CRT07	Analog ICs and Applications	4	4
	EL3CRT08	8085 Microprocessor	4	4
	EL3CRT09	Electromagnetic Theory	4	4
	EL3CRP03	Integrated Circuits Lab – Practical	5	2
			Statistics	4
IV	EL3CRT10	Programming in C	4	4
	EL3CRT11	Microwave Electronics	4	4
	EL3CRT12	Digital Communication	4	4
	EL3CRT21	Instrumentation Electronics	4	3
	EL4CRP04	Programming in C Lab – Practical	5	2
	EL4CRT05	Microprocessor Lab Practical	4	2
V	EL5CRT14	Microcontrollers and Applications	4	4
	EL5CRT15	Environmental Awareness & Human Rights	4	4
	EL5CRT16	Computer Hardware	4	4
	EL5CRP06	Microcontroller Lab – Practical	5	2
	EL5CRP07	Communication Lab – Practical	4	2
	EL5CBT01	Open Course	4	3
VI	EL6CRT17	Optoelectronics	4	4

	EL6CRT18	Computer Networks	5	4
	EL6CRT19	Digital Signal Processing	5	4
	EL6CBT01	Digital Image Processing (O)	4	4
	EL6SMP01	Presentation Skill Practice	2	1
	EL6PRP01	Project Lab	5	3

### BACHELOR OF BUSINESS ADMINISTRATION (BBA)

Sem	Code	Subject	Hrs./Week	Credit
I	BA1CRT01	Principles and Methodology of Management	6	4
	BA1CRT02	Business Accounting	6	4
	BA1CMT03	Fundamentals of Business Mathematics	4	4
	BA1CMT04	Fundamentals of Business Statistics	4	4
	EN1CC01	English Paper -I Fine Tune Your English	5	4
II	BA2CRT06	Cost and Management Accounting	6	4
	BA2CRT07	Business Communication	6	4
	BA2CMT08	Mathematics for Management	4	4
	BA2CMT09	Statistics for Management	4	4
	EN2CC03	English Paper -II Issues that Matter	5	4
III	BA3CRT11	Human Resource Management	5	4
	BA3CRT12	Marketing Management	5	4
	BA3CRT13	Research Methodology	5	4
	BA3CMT14	Business Laws	5	4
	BA3PRP15	Personality Development & Management Skills	5	4
IV	BA4CRT16	Financial Management	5	4
	BA4CRT17	Managerial Economics	5	4
	BA4CRT18	Entrepreneurship	5	4
	BA4CMT19	Basic informatics for Management	5	4
	BA4CMT20	Corporate Law	5	4
V	BA5CRT21	Organisational Behaviour	6	4
	BA5CRT22	Open Course	4	3
	BA5CRT23	Environment Science and Human Rights	5	4
	BA5CRT24	Intellectual Property Rights & Industrial Laws	5	4
	BA5CRT25	Operations Management	2	2
	BA5CRT26	Industrial Relations	3	3
VI	BA5CRT27	Optional-I	5	4
	BA5CRT28	Optional-II	5	4
	BA5CRT29	Strategic Management	5	4

	BA6CRT30	Commn. Skills & Personality development	5	4
	BA6CRT31	Management Project	5	4

**B.Com. (MODEL II COMPUTER APPLICATIONS)**

Sem	Code	Subject	Hrs./Week	Credit
I	EN1CC01	English - I Fine Tune Your English	5	4
	ML1CCT11	Second language-I Hindi/Malayalam/ Arabic	5	4
	C01CRT01	Dimensions & Methodology of Busines studies	3	2
	C01CRT02	Financial Accounting I	5	4
	C01CRT03	Corporate Regulations and Administration	4	3
	C01CMT01	Banking and Insurance	3	3
II	EN2CC03	English - II Issues that Matter	5	4
	MI2CCT12	Second language- II Hindi/Malayalam/Arabic	5	4
	C02CRT04	Financial Accounting II	5	4
	C02CRT05	Business Regulatory Framework	4	3
	C02CRT06	Business Management	3	3
	C02CMT02	Principles of Business Decisions	3	3
III	EN3CC05	English - III Literature and/as Identity	5	3
	CO3CRT07	Corporate Accounts I	4	4
	CO3CRT08	Quantitative Techniques for Business- 1	4	4
	CO3CRT09	Financial Markets and Operations Business	4	4
	CO3CRT10	Marketing Management	3	3
	CO3OCT02	Information Technology for Business	3	3
IV	EN4CC06	English - IV Illuminations	5	3
	CO4CRT11	Corporate Accounts II	5	4
	CO4CRT12	Quantitative Techniques for Business- II	5	4
	CO4CRT13	Entrepreneurship Development and Project Management	5	4
	CO4OCT02	Information Technology for Office	3	3
V	CO5CRT14	Cost Accounting - I	6	4
	CO5CRT15	Environment and Human Rights	5	4
	CO5CMT08	Programming in 'C' (Theory)	3	3
	CO5CMP01	Programming in 'C' (Practical)	2	1
	CO5OCT02	Computerised Accounting (Theory)	3	3
	CO5OCP01	Computerised Accounting (Practical)	2	1
		Open Course: Fundamentals of Accounting	4	3
VI	CO6CRT17	Cost Accounting - II	6	4

	C06CRT18	Advertisement and Sales Management	4	3
	C06CMT10	Database Management System (Theory)	3	3
	C06CMP01	Database Management System (Theory)	2	1
	C06CRT20	Management Accounting	5	4
	C06OCT02	Software for Business and Research (T)	3	3
	C06OCP01	Software for Business and Research (P)	2	1
	C06PR01	Project and Viva		1

### **B.Com. (MODEL I TAXATION)**

Sem	Code	Subject	Hrs./ Week	Credit
I	EN1CC01	English - I Fine Tune Your English	5	4
	ML1CCT05	Second Language -II	4	4
	CO1CRT01	Dimensions & Methodology of Business Studies	3	2
	CO1CRT02	Financial Accounting I	5	4
	CO1CRT03	Corporate Regulations and Administration	4	3
	CO1CMT01	Banking and Insurance	4	3
II	EN2CC03	English - II Issues that Matter	5	4
	ML2CCT06	Second Language-II	4	4
	CO2CRT04	Financial Accounting II	5	4
	CO2CRT05	Business Regulatory Framework	4	3
	CO2CRT06	Business Management	3	3
	CO2CMT02	Principles of Business Decisions	4	3
III	EN3CC05	English - III Literature and/as Identity	3	3
	CO3CRT07	Coorporate Accounting I	5	4
	CO3CRT08	Quantitative Techniques for Business	5	4
	CO3CRT09	Financial Markets and Operation	4	3
	CO3CRT10	Marketing Management	3	3
	CO3OCT01	Goods and Services Tax	5	4
IV	EN4CC06	English -IV Illuminations	3	3
	CO4CRT11	Coorporate Accounting II	6	4
	CO4CRT12	Quantitative Techniques for Business II	6	4
	CO4CRT13	Entrepreneurship Development and Project Management	5	4
	CO4OCT01	Financial Services	5	4
V	CO4CRT14	Cost Accounting - I	6	4
	CO4CRT15	Environment Management & Human Rights	5	4
	CO4CRT16	Financial Management	5	4

	CO5OCT01	Income Tax - I	5	4
		Open Course: Fundamentals of Accounting	4	3
VI	CO6CRT17	Cost Accounting - II	6	4
	CO6CRT18	Advertisement and Sales Management	4	3
	CO6CRT19	Auditing and Assurance	5	4
	CO6CRT20	Management Accounting	5	4
	CO6OCT01	Income Tax - II	5	4
	CO6PR01	Project and Viva		1

### B.Sc. BIOTECHNOLOGY

Sem	Code	Subject	Hrs./ Week	Credit
I	EN1CC01	English I - Fine Tune Your English	5	4
	BT1CRT01	Basic Life Sciences	5	4
	BT1CRT02	Methodology in Biotechnology	5	4
	BT1CRP01	Practical-Basic Biology and Chemistry	2	2
	BC1CMT01	Elementary Biochemistry	2	2
	MBICMT01	Fundamentals of Microbiology - I	2	2
	BC2CMP01	Practical - Biochemistry	2	1
	MB2CMP03	Practical - Microbiology	2	1
II	EN3CC03	English - II: Issues that Matter	5	4
	BT2CRT03	Cell Biology	4	4
	BT2CRT04	Elementary Chemistry for Biology	4	3
	BT2CRT05	Evolution & Developmental Biology	2	2
	BT2CRP02	Practical - Cell Biology	2	2
	BC1CMT02	Biomolecules	2	2
	MBICMT02	Fundamentals of Microbiology - II	2	2
	BC2CMP01	Practical - Biochemistry	2	1
	MB2CMP03	Practical - Microbiology	2	1
	III	BT3CRT06	Immunology	5
BT3CRT07		Genetics	5	4
BT3CRT08		Biostatistics and Computer Application	4	3
BT4CRP03		Practical- Immunology and Genetics	3	3
BC3CMT03		Enzymology and Metabolism	2	2
MB3CMT04		Applied Microbiology	2	2
BC4CMP02		Practical - Biochemistry	2	1
MB4CMP06		Practical - Microbiology	2	1
IV	BT4CRT09	Molecular Biology	5	4

IV	BT4CRT10	Enzymology	4	4
	BT4CRT11	Biophysics and Bioinformatics	4	3
	BT4CRP04	Practical- Molecular Biology & Enzymology	4	3
	BC4CMT04	Nutritional and Clinical Biochemistry	2	2
	MB4CMT05	Medical Microbiology	2	2
	BC4CMP02	Practical- Biochemistry	2	1
	MB4CMP06	Practical - Microbiology	2	1
V	BT5CRT12	Recombinant DNA technology	6	4
	BT5CRT13	Environmental Biotechnology	4	4
	BT5CRT14	Animal Biotechnology	6	4
	BT5CRP05	Practical - rDNA Technology and Environmental Biotechnology	5	4
	BT5OPT01A	Open Course: Tissue culture techniques	4	3
VI	BT6CRT15	Plant Biotechnology	5	4
	BT6CRT16	Industrial Biotechnology	5	4
	BT6CBT01	Diseases and Diagnostic Biotechnology (O)	5	4
	BT6CRP06	Practical- Environmental & Plant Biotechnology	5	4
	BT6CRP07	Project and Viva Voce		4

### B.Sc. MICROBIOLOGY

Sem	Code	Subject	Hrs./ Week	Credit
I	EN1CC01	English - I: Fine Tune Your English	5	4
	MB1CRT01	Fundamentals of Microbiology	4	4
	MB1CRT01	Microbial Physiology & Metabolism	4	4
	MB2CRP05	Practical - Microbiology	4	2
	BC1CMT01	Elementary Biochemistry - I	2	2
	BC2CMP01	Practical - Complementary - I	2	1
	BC2CMP01	Cell Biology - I	2	2
		Practical Complementary - II	2	1
II	EN2CC03	English - II: Issues that Matter	5	4
	MB2CRT03	Immunology	4	4
	MB2CRT04	Microbial Genetics	4	4
	MB2CRP05	Practical - Microbiology	4	2
	BC1CMT02	Biomolecules	2	2
	BC2CMP01	Practical Biochemistry - I	2	1
	BT1CMT02	Genetics	2	2
		Practical Biotechnology - I	2	1

III	MB3CRT06	Bioinstrumentation & Techniques	4	4
	MB3CRT07	Industrial Microbiology	4	4
	MB3CRT08	Food Microbiology	4	4
	MB4CRP12	Practical - Microbiology - II	5	4
	BC3CMT03	Enzymology & Metabolism	2	2
	BC4CMP02	Practical Biochemistry - II	2	1
	BT1CMT03	Molecular Biology and rDNA Technology Practical Biotechnology - II	2 2	2 1
IV	MB4CRT09	Fundamentals of Biostatistics, Bioinformatics and Research Methodology	4	4
	MB4CRT11	Aquatic Microbiology	4	4
	MB4CRP12	Agricultural Microbiology	4	4
	MB4CRP12	Practical - Microbiology - II	5	4
	BC4CMT04	Nutritional & Clinical Biochemistry	2	2
	BC4CMP02	Practical Biochemistry I - II	2	1
	BT1CMT04	Second Complementary course - IV Practical Biotechnology - II	2 2	2 1
	V	MB5CRT13	Medical Bacteriology - I	4
MB5CRT14		Medical Mycology	4	4
MB5CRT15		Medical Parasitology	3	3
MB5CRT16		Environmental Biochemistry & human rights	4	4
MB5OPT02		Open Course: Nutrition and Health	4	3
MB6CRP20		Practical - Microbiology - III	6	2
VI	MB6CRT17	Medical Virology	4	4
	MB6CRT18	Diagnostic Microbiology	4	4
	MB5CRT14	Medical Bacteriology - II	2	2
	MB6CBT02	Sanitation Microbiology (O)	4	4
	MB6CRP20	Practical - Microbiology - III	6	2
	MB6PRP01	Project Work	5	4

### B.Sc. PSYCHOLOGY (MODEL I)

Sem	Code	Subject	Hrs./ Week	Credit
I	EN1CC01	English I - Fine Tune Your English	5	4
	EN1CC02	English II - Pearls from the Deep	4	3
	ML/HN1CCT01	Additional Language I: Malayalam/Hindi	4	4
	PY1CRT01	Foundations and Methods of Psychology	7	4
	PY1CMT02	Body Systems And Behaviour	2	2
	ST1CMT01	Basic Statistics	3	2



II	EN2CCT03	English - III: Issues that Matter	5	4
	EN2CCT04	English - IV: Savouring the Classics	4	3
	ML/HN2CCT02	Additional Language II: Malayalam/Hindi	5	4
	PY2CRT04	Basic Cognitive Processes (Core)	4	4
	PV2CMT05	Biological Basics of Behaviour	3	2
	ST2CMT02	Statistical Tools	4	2
III	EN3CCT05	English Paper V- Literature and/as Identity	5	4
	ML/HN2CCT03	Additional Language III: Malayalam/Hindi	5	4
	PY3CRT07	Living in the Social World	7	4
	PY3CMT08	Neurophysiology of Behaviour I	3	2
	ST3CMT03	Probability and Probability Distributions	3	2
	PY4CRP01	Psychology Practical	2	
IV	EN4CCT06	English Paper VI - Illuminations	5	4
	ML/HN2CCT04	Additional Language IV: Malayalam/Hindi	5	4
	PY4CRT10	Social Interactions and Human Behaviour	7	4
	PY4CMT11	Biophysiology of Behaviour II	3	2
	ST4CMT04	Statistical Inference	3	2
	PY4CRP01	Psychology Practical	2	1
V	PY5CRT13	Abnormal Psychology	4	4
	PY5CRT14	Foundations of Organizational Behavior	3	3
	PY5CRT15	Environmental Psychology & Human Rights	4	4
	PY5OP2	Open Course: Life Skills Development	4	3
	PY5 P03	Experimental Psychology	8	8
	PY5 Pr01	Project 1	2	2
VI	PY6CRT16	Psychology of Maladaptive Behaviour	4	4
	PY6CRT17	Child Development	4	4
	PY6CRT18	Managing Behavior in Organizations	4	4
	PY6 CB1	Theory and Practice of Counselling (O)	3	3
	PY6 P02	Practical - Psychological Assessment	8	8
	PY6 Pr02	Project 2	2	2

### B.A. ENGLISH (LITERATURE, COMMUNICATION & JOURNALISM)

Sem	Code	Subject	Hrs./ Week	Credit
I	EN1CC01	Fine-tune Your English	5	4
	EN1CR01	Methodology for Studying literature	6	4
	EN1CE01	English Literature from the Old English Period to the Romantic Age	5	4

	EN1CE02	Conversational Skills	4	4
	EN1CE03	Writing for the Media	5	4
II	EN2CC03	Issues that Matter	5	4
	EN2CR02	Introducing Language and Literature	5	4
	EN2CE04	English literature from the Victorian Age to the Postmodern Period	6	4
	EN2CE05	Editing and Fundamentals of Media Writing	5	4
	EN2CE06	Interpersonal Skills	4	4
III	EN3CR03	Harmony of Prose	4	4
	EN3CR04	Symphony of Verse	5	4
	EN3CE07	Introduction to Narratology	5	4
	EN3CE08	Digital Writing, Advertising & Reporting for Media	6	4
	EN3CE09	Creative Writing	5	4
IV	EN4CR05	Modes of Fiction	5	4
	EN4CR06	Language and Linguistics	5	4
	EN4CE10	Business Writing	5	4
	EN4CE11	Translation: Theoretical & Literary Perspectives	5	4
	EN4CE12	Writing for Radio and Television	5	4
V	EN5CR07	Acts on the Stage	6	5
	EN5CR08	Literary Criticism and Theory	5	4
	EN5CR10	Indian Writing in English	5	4
	EN5CROP03	Open Course: English for Careers	4	3
	EN5CREN01	Environmental Science and Human Rights	5	4
VI	EN6CR10	Postcolonial Literatures	5	4
	EN6CR11	Women Writing	5	4
	EN6CR12	American Literature	5	4
	EN6CR13	Modern World Literature	6	4
	EN6OJT01	OJT in Media: Audio, Visual, Print & Project	4	4

### B.A. ARABIC (LITERATURE MODEL II VOCATIONAL TRANSLATION)

Sem	Code	Subject	Hrs./Week	Credit
	EN1CC01	English - I: Fine Tune Your English	5	4
	AR1CCT01	Communication Skills in Arabic	4	4
	AR1CRT01	Methodology of Arabic Literature	4	3
	AR1CRT02	Communicative Arabic	4	3
I	AR1CMT01	History of Arabs	4	3
	AR1VOT01	Communication and Composition	4	3

II	EN2CC03	English - II: Issues that Matter	5	4
	AR2CCT01	Lessons in Arabic Literature	4	4
	AR2CRT03	Elementary Arabic Syntax	4	3
	AR2CRT04	Modern Arabic Poetry	4	3
	AR2CMT02	Arab World	4	3
	AR2VOT02	Spoken Arabic	4	3
III	EN3CC05	English - III: Literature and/as Identity	5	4
	AR3CRT05	Essential Arabic Syntax	5	4
	AR3CRT06	Arabic Essay	5	4
	AR3CMT04	Indian Arabic Literature	5	4
	AR3VOT03	Arabic Journalism	5	4
IV	EN4CC06	English - IV: Illuminations	5	4
	AR4CRT07	Basic Arabic Grammar	5	4
	AR4CRT08	ICT in Arabic	5	4
	AR4CMT04	Functional Arabic	5	4
	AR4VOT04	Commerical Arabic	5	4
V	AR5CRT20	Applied Arabic Grammer	4	3
	AR5CRT21	Literary History of Classical Arabic	4	3
	AR5CRT22	Classical Literature in Arabic	4	3
	AR5CRT12	Environment Studies and Human Rights	5	5
	AR5OPT01	Open Course: Gulf Arabic	4	3
	AR5VOT05	Professional Translation	4	3
VI	AR6CRT23	Literary History of Medieval Arabic	4	3
	AR6CRT24	Arabic Literature in Medieval Period	4	3
	AR6CRT25	Rhetorics of Arabic	4	3
	AR6CRT16	History of Modern Arabic Literature	4	3
	AR6CRT17	Modern Arabic Literature	4	3
	AR6VOT06	Arabic DTP	5	3
	AR6PRT02	Project (Translation/Travelouge)		1

## VOCATIONAL PROGRAMMES

### B.Voc. TOURISM ADMINISTRATION AND HOSPITALITY

Sem	Code	Subject	Hrs./ Week	GC/ SC
I	BOCG101	Listening & Speaking Skills In English	4	4
	BOCG102	Information Technology For Business (AOC)	3	4

	TAH1GT03	Management Process & Organizational Behavior	6	4
	TAH1ST04	Hospitality& Resort Management	6	6
	TAH1ST05	Tourism Product & Tour Guiding	6	6
	TAH1SP06	Destination visit and Report (AOC)		6
II	BOCG201	Writing and presentation Skills in English	4	4
	TAH2GT02	Principles & Practices of Tourism	4	4
	TAH2GT03	Front Office Management	5	4
	TAH2ST04	Housekeeping Operations	6	6
	TAH2ST05	Meet & Greet Service	6	6
	TAH2SP06	Hospitality Internship –I		6
III	BOCG301	Principles of Management	4	4
		Foreign Language : French/German	4	4
	TAH3GTFL01	French		
	TAH3GTFL02	German		
	TAH3GT03	Travel Geography	4	4
	TAH3ST04	Tourism Marketing	4	6
IV	BOCG401	Soft Skills and Personality Development	4	4
	TAH4GT02	Tourism Ethics, Laws and Regulations	4	4
	TAH4GT03	Customer Relationship Management	6	4
	TAH4ST04	Event Management	6	6
	TAH4ST05	Tour Packaging & Itinerary Preparation	5	6
	TAH4SP06	Travel & Tour Internship -II		6
V	BOCG501	Environmental Studies	4	4
	TAH5GT02	Managerial Accounts and Finance in Tourism	4	4
	TAH5GT03	Human Resource Management	5	4
	TAH5ST04	Changing Trends and Opportunities in Tourism	6	6
	TAH5ST05	Cultural History and Tourism Resources of Kerala	6	6
	TAH5SP06	Study Tour and Report (AOC)		6
VI	BOCG601	Entrepreneurship Development	6	4
	TAH6GT02	Research Methodology In Tourism	6	4
	TAH6GT03	Airfares, Ticketing& Airport Management	6	4
	TAH6SP04	Project	7	6
	TAH6SP05	Internship – III		12

## B.Voc. MULTI SPORTS AND FITNESS TRAINING

Sem	Code	Subject	Hrs./ Week	Credit
I	BOCG101	Listening and Speaking Skills in English (T)	4	4
	BOCG102	IT For Business (AOC)	3	4
	MFTG103	Foundation of Health & Physical Fitness (T)	3	4
	MFTS104	Basic Anatomy & Kinesiology (AOC)	5	6
	MFTS105	Introduction to Gym Training (AOC)	5	6
	MFTS106	Project I (Training Plan)	5	6
II	BOCG201	Writing & Presentation Skills in English (T)	4	4
	MFTG202	Exercise Physiology and Bioenergetics (T)	4	4
	MFTG203	Introduction to Recreation & Wellness (AOC)	5	4
	MFTS204	Practical Approach to Yoga (AOC)	6	6
	MFTS205	Self Defence I - Fitness Approach (AOC) - Taekwondo	6	6
	MFTS206	Internship I (professional experience in any fitness centres)		6
III	BOCG301	Principles of Management (T)	4	4
	MFTG302	Fitness Nutrition (AOC)	3	4
	MFTG303	Introduction to Personal Training (AOC)	3	4
	MFTS304	Fitness Assessment & Evaluation (AOC)	5	6
	MFTS305	Introduction to Aerobics & Zumba (AOC)	5	6
	MFTS306	Project II (Specific Training Plan)	5	6
IV	BOCG401	Soft Skills and Personality Development (T)	4	4
	MFTG402	Programme Design & Exercise Prescription (T)	4	4
	MFTG403	Injury Assessment & Risk Management (AOC)	5	4
	MFTS404	Core Strengthening & Pilates (AOC)	6	6
	MFTS405	Self Defence II-Fitness Approach (AOC) - Judo and Kurash	6	6
	MFTS406	Internship II (Exercise prescription for individuals)		6
V	BOCG501	Environmental Studies (T)	4	4
	MFTG502	Health & Fitness Psychology (T)	3	4
	MFTG503	Introduction to Research Methodology (T)	3	4
	MFTS504	Self Defence III- Fitness Approach (AOC) - Krav Maga	5	6
	MFTS505	High Performance Sport Conditioning (AOC)	5	6
	MFTS506	Project III (Business Proto type)		6
VI	BOCG601	Entrepreneurship Development (T)	4	4
	MFTG602	Fitness Center Management (T)	4	4
	MFTG603	Recovery and Wellness (AOC)	5	4

	MFTS604	Yoga Therapy (AOC)	6	6
	MFTS605	Self Defence IV-Fitness Approach (AOC) - Kalaripayattu	6	6
	MFTS606	Internship III (Professional experience in any fitness centers)		6

### B.Voc. LOGISTICS MANAGEMENT

Sem	Code	Subject	Hrs./ Week	GC/ SC
I	LMG101	Listening and Speaking Skills in English	4	GC
	LMG102	Business Mathematics	4	GC
	LMG103	IT for Business	4	GC
	LMG104	Introduction to Logistics Management	5	SC
	LMG105	Fundamentals of Accounting	4	SC
	LMG106	General Informatics Lab - I	4	GC
II	LMG201	Writing and Presentation Skills in English	5	GC
	LMG202	Principles of Management	5	GC
	LMG203	Domestic Logistics Management	5	SC
	LMG204	Warehouse Management	5	SC
	LMG205	Computerized Accounting Lab	5	SC
	LMG206	Internship with Project - I		SC
III	LMG301	Business Communication	4	GC
	LMG302	Business Statistics	4	GC
	LMG303	Principles of Logistics Information Systems	4	SC
	LMG304	Inventory Management	4	SC
	LMG305	Shipping & Ocean Freight Logistics Management	5	SC
	LMG306	General Informatics LAB - II	4	GC
IV	LMG401	Soft Skill & Personality Development	5	GC
	LMG402	Supply Chain Management	5	GC
	LMG403	International Logistics Management	5	SC
	LMG404	Export and Import - Policies & Procedures	5	SC
	LMG405	Air Cargo Logistics Management	5	SC
	LMG406	Internship with Project - II		SC
V	LMG501	Enterprise Resource Planning (ERP)	4	GC
	LMG502	Customer Relationship Management (CRM)	4	GC
	LMG503	Business Ethics & Global Business Management	4	SC
	LMG504	Human Resource Management	4	SC
		Marketing Management	5	SC

	LMG505	ERP Lab	4	GC
VI	LMG601	Entrepreneurship Development	5	GC
	LMG602	Retail Management	5	SC
	LMG603	Operations Management	5	SC
	LMG604	Transportation & Distribution Management	5	SC
	LMG605	Financial Management	5	SC
	LMG606	Internship with Project – III		SC

### B.Voc. ANIMATION AND GRAPHIC DESIGN

Sem	Code	Subject	Hrs./ Week	GC/ SC
I	AGDG101	Listening and Speaking Skills in English	4	GC
	AGDG102	Fundamentals of Computers	4	GC
	AGDG103	Basics of Drawing (AOC)	4	GC
	AGDG104	Elements of Visual Design (AOC)	4	SC
	AGDG105	Raster and Vector Graphics (AOC)	5	SC
	AGDG106	Graphic Design Lab	4	SC
II	AGDG201	Writing and Presentation Skills in English	5	GC
	AGDG202	Media Organization	5	GC
	AGDG203	HTML & Web Technologies (AOC)	5	SC
	AGDG204	Publication Design (AOC)	5	SC
	AGDG205	Web Design Lab (AOC)	5	SC
	AGDG206	Internship – I	4	SC
III	AGDG301	Fundamentals of Animation (T)	4	GC
	AGDG302	Digital Photography (AOC)	4	GC
	AGDG303	Drawing for Animation - I (AOC)	4	SC
	AGDG304	Drawing for Animation - II (AOC)	4	SC
	AGDG305	Script Writing & Story boarding for Animation (AOC)	5	SC
	AGDG306	BG Design For Cel Animation (AOC)	4	SC
IV	AGDG401	Animation Techniques (AOC)	5	GC
	AGDG402	Cel Animation - I (AOC)	5	GC
	AGDG403	Cel Animation - II (AOC)	5	SC
	AGDG404	Digital 2D Animation (AOC)	5	SC
	AGDG405	Project - Animation Project	5	SC
V	AGDG501	Media Ethics and Education	4	GC
	AGDG502	Elements of 3D Animation (AOC)	4	SC
	AGDG503	BG and Props Modelling (AOC)	4	SC

	AGDS504	Character Modelling (AOC)	4	SC
	AGDS505	Texturing and Rigging (AOC)	5	SC
	AGDS506	Character Animation (AOC)	4	SC
VI	AGDS601	Soft Skills And Personality Development	5	GC
	AGDS602	Lighting and Rendering (AOC)	5	SC
	AGDS603	Visual Effects And Compositing (AOC)	5	SC
	AGDS604	Audio And Video Editing Principles (AOC)	5	SC
	AGDS605	Project – 3D Animation Project	5	SC
	AGDS606	Internship – III		SC

### B.Voc. FASHION DESIGN AND MANAGEMENT

Sem	Code	Subject	Hrs./ Week	Credit
I	BOCG101	Listening and Speaking Skills in English (T)	4	4
	LMG103	IT For Business (AOC)	4	4
	FDMG103	Fundamentals of Textiles(AOC)	4	4
	FDMS104	Basic Pattern Making & Sewing Techniques (AOC)	4	6
	FDMS105	Introduction to Fashion Art (AOC)	4	6
	FDMS106	Project – 1	5	6
II	BOCG201	Writing and Presentation Skills in English (T)	4	4
	FDMG202	Introduction to Fashion Industry(T)	4	4
	FDMG203	Apparel Industry and Quality Control (T)	5	4
	FDMS204	Elements of Fashion Design(AOC)	6	6
	FDMS205	Pattern Making and Garment Construction - Ladies wear (AOC)	6	6
	FDMS206	Internship – I		6
III	BOCG301	Principles of Management (T)	4	4
	FDMG302	Organisational Behaviour (T)	4	4
	FDMG303	Fashion Merchandising and Marketing (T)	4	4
	FDMS304	Draping Fundamentals (AOC)	4	6
	FDMS305	Pattern Making & Garment Construction- Children's Wear (AOC)	4	6
	FDMS306	Project – II	5	6
IV	BOCG401	Soft Skill & Personality Development (T)	4	4
	FDMG402	International Trade & Marketing (T)	4	4
	FDMG403	Advanced Fashion Illustration (AOC)	5	4
	FDMS404	Computer Aided Design(AOC)	6	6



	FDMS405	Pattern Making & Garment Construction - Men's Wear (AOC)	6	6
	FDMS406	Internship – II		6
V	BOCG501	Environmental Studies (T)	4	4
	FDMG502	Research Methodology & Statistics (T)	4	4
	FDMG503	Art Appreciation (AOC)	4	4
	FDMS504	Accessory Designing (AOC)	4	6
	FDMS505	CAD – Fashion Studio (AOC)	4	6
	FDMS506	Project – III	5	6
VI	BOCG601	Entrepreneurship Development (T)	4	4
	FDMG602	Cost Accounting for Apparel Industry (T)	4	4
	FDMG603	Boutique Management (T)	5	4
	FDMS604	Thematic Line Development (AOC)	6	6
	FDMS605	Portfolio Presentation (AOC)	6	6
	FDMS606	Internship – III		6

### **B.Voc. INDUSTRIAL INSTRUMENTATION AND AUTOMATION**

Sem	Code	Subject	Hrs./ Week	Credit
I	BOCG101	Listening and Speaking Skills in English (T)	4	4
	LMG103	IT for Business (AOC)	4	4
	MM1CMT03	Discrete Mathematics (I) (T)	4	4
	IIAS104	Basics of Electronics & Electrical Technology (AOC)	4	6
	IIAS105	Basic Instrumentation (AOC)	4	6
	IIAS106	Project – 1 (domestic circuits)	5	6
II	BOCG201	Writing and Presentation Skills in English (T)	4	4
	MM2CMT03	Discrete Mathematics (II) (T)	4	4
	IIAG203	Electronic Circuits and Communication Systems (AOC)	5	4
	IIAS204	Analog and Digital Electronics (AOC)	6	6
	IIAS205	Sensors and Transducers (AOC)	6	6
	IIAS206	Internship – I (Instrumentation industry)	6	6
III	BOCG301	Principles of Management (T)	4	4
	IIAG302	Industrial Instruments (T)	4	4
	IIAG303	Circuit Simulation and PCB Designing (AOC)	4	4
	IIAS304	Medical Instrumentation (AOC)	4	6
	IIAS305	Introduction to Microprocessors and Micro Controllers(AOC)	4	6

	IIAS306	Project – II (Instrumentation)	5	6
IV	BOCG401	Soft skill and Personality Development (T)	4	4
	IIAG402	Valves and Actuators (AOC)	4	4
	IIAG403	Embedded Automation (AOC)	5	4
	IIAS404	Virtual Instrumentation (AOC)	6	6
	IIAS405	Optical Instrumentation (AOC)	6	6
	IIAS406	Internship–II (Electronic Industry)		6
V	BOCG501	Environmental Studies (T)	4	4
	IIAG502	Industrial Data Communication and Networking (T)	4	4
	IIAG503	Industrial Safety & Management (AOC)	4	4
	IIAS504	Robotic Automation (AOC)	4	6
	IIAS505	Control Theory and Process Control Instrumentation (AOC)	4	6
	IIAS506	Project – III (Instrumentation & Automation)	5	6
VI	BOCG601	Entrepreneurship Development (T)	4	5
	IIAG602	Distributed Control System (T)	4	5
	IIAG603	Piping and Instrumentation Diagrams (AOC)	5	5
	IIAS604	Advanced Embedded Automation (AOC)	6	5
	IIAS605	Process Control Instrumentation II (AOC)	6	5
	IIAS606	Internship–III (Instrumentation Industry)		6

### B.Voc. SOFTWARE DEVELOPMENT AND SYSTEM ADMINISTRATION

Sem	Code	Subject	Hrs./ Week	Credit
I	BOCG101	Listening and Speaking Skills in English(T)	4	4
	LMG103	IT For Business(AOC)	4	4
	MM1CMT03	Discrete Mathematics (I) (T)	4	4
	SDSS104	The Methodology of Programming and Programming in C (AOC)	4	6
	SDSS105	Web Technology & Internet Programming (AOC)	4	6
	SDSS106	Project- I	5	6
II	BOCG201	Writing and Presentation Skills in English (T)	4	4
	MM2CMT03	Discrete Mathematics (II) (T)	4	4
	SDSG203	Object Oriented Programming Using C++ (AOC)	5	4
	SDSS204	Programming in PHP(AOC)	6	6
	SDSS205	DBMS & MySQL(AOC)	6	6
	SDSS206	Internship-I		6

III	BOCG301	Principles of Management(T)	4	4
	SDSG302	Computer Organization and Architecture (T)	4	4
	SDSG303	Data structures using C++ (AOC)	4	4
	SDSS304	Desktop Applications Development in .Net Framework(AOC)	4	6
	SDSS305	SQL Server 2016: Administration(AOC)	4	6
	SDSS306	Project- II	5	6
IV	BOCG401	Soft Skills and Personality Development (T)	4	4
	SDSG402	System Analysis & Software engineering (T)	4	4
	SDSG403	Operating Systems (AOC)	5	4
	SDSS404	ASP .NET MVC Applications (AOC)	6	6
	SDSS405	Node.js (AOC)	6	6
	SDSS406	Internship-II		6
V	BOCG501	Environmental Studies (T)	4	4
	SDSG502	Software Testing and Quality Controls(T)	4	4
	SDSG503	Computer Networks (T)	4	4
	SDSS504	Cloud Computing (T)	4	6
	SDSS505	Core Java (AOC)	4	6
	SDSS506	Project- III	5	6
VI	BOCG601	Entrepreneurship Development(T)	4	4
	SDSG602	Informatics & Cyber Ethics (T)	4	4
	SDSG603	Data warehousing and Big Data Analytics (T)	5	4
	SDSS604	Artificial Intelligence (T)	6	6
	SDSS605	Mobile Applications Development (AOC)	6	6
	SDSS606	Internship-III		6

# REGULATIONS OF THE POST GRADUATE PROGRAMMES UNDER CREDIT SEMESTER SYSTEM 2019

## SHORT TITLE

- These Regulations shall be called Mahatma Gandhi University Regulations (2019) governing Post Graduate Programmes under the Credit Semester System (MGU-CSS-PG2019).
- These Regulations shall come into force from the Academic Year 2019-2020 onwards

## SCOPE

- The regulation provided herein shall apply to all regular post-graduate programmes, MA/M.Sc./M.Com., conducted by the affiliated colleges/ Institutions (Government/Aided/unaided/Self-financing, and Constituent colleges of Mahatma Gandhi University with effect from the academic year 2019-2020 admission onwards.
- The provisions herein supersede all the existing regulations for the regular post-graduate programmes conducted by the affiliated colleges and centres of the Mahatma Gandhi University unless otherwise specified. These shall not apply for the programme conducted in distance/off campus and private registration mode which will continue to be in annual scheme.

## PROGRAMME STRUCTURE

- Students shall be admitted into post graduate programme under the faculties. The programme shall include three types of courses, Program Core (PC) courses and Program Elective (PE) Courses. There shall be a Project with dissertation and comprehensive viva-voce as core courses for all programmes. The Programme shall also include assignments, seminars/practical etc.
- No regular students shall register for more than 25 credits and less than 16 credits per semester unless otherwise specified. The total minimum credits, required for completing a PG programme is 80.

## ELECTIVE COURSES AND SEMESTER

- There shall be atleast two and not more than four elective groups comprising of three courses each for a programme and these elective courses shall be included either in fourth semester or be distributed among third and fourth semesters.
- The number of elective courses assigned for study in a particular semester shall be the same across all elective groups for the programme concerned. The colleges shall select any one of the elective groups for each programme

as per the interest of the students, availability of faculty and academic infrastructure in the institution.

- The selection of courses from different elective groups is not permitted. The elective groups selected by the college shall be intimated to the Controller of Examinations within two weeks of commencement of the semester in which the elective courses are offered. The elective group selected by the college for the students who are admitted in a particular academic year shall not be changed.

### **PROJECT WORK**

- Project work shall be completed in accordance with the guidelines given in the curriculum.
- Project work shall be carried out under the supervision of a teacher the department concerned.
- A candidate may, however, in certain cases be permitted to work on the project in an Industrial/Research Organization on the recommendation of the supervising teacher.
- There shall be an internal assessment and external assessment for the project work.
- The Project work shall be evaluated based on the presentation of the project work done by the student, the dissertation submitted and the viva-voce on the project.
- The external evaluation of project work shall be conducted by two external examiners from different colleges and an internal examiner from the college concerned.
- The final Grade of the project (External) shall be calculated by taking the average of the Weighted Grade Points given by the two external examiners and the internal examiner.
- **Assignments:** Every college going student shall submit atleast one assignment as an internal component for each course.
- **Seminar Lecture:** Every college going student shall deliver one seminar lecture as an internal component for every course with a weightage of two. The seminar lecture is expected to train the student in self-study, collection of relevant matter from the various resources, editing, document writing, and presentation.
- **Test Papers (Internal):** Every college going student shall undergo at least two class tests as an internal component for each course with a weightage of one each. The best two shall be taken for awarding the grade for class tests.
- **Comprehensive Viva-Voce:** Comprehensive Viva-Voce shall be conducted at the end of fourth semester of the programme and its evaluation shall

be conducted by the examiners of the project evaluation. Comprehensive Viva-Voce shall cover questions from all courses in the programme. There shall be an internal assessment and an external assessment for the comprehensive Viva-Voce.

## **ATTENDANCE**

- The minimum requirement of aggregate attendance during a semester for appearing at the end-semester examination shall be 75%. Condonation of shortage of attendance to a maximum of 15 days in a semester subject to a maximum of two times during the whole period of the programme may be granted by the University
- If a student represents his/her institution, University State or Nation in Sports, NCC, or Cultural or any other officially sponsored activities such as college union/university union etc., he/she shall be eligible to claim the attendance for the actual number of days participated subject to a maximum 15 days in a Semester based on the specific recommendations of the Head of the Department or teacher concerned.
- Those who could not register for the examination of a particular semester due to shortage of attendance may repeat the semester along with junior batches, without considering sanctioned strength, subject to the existing University Rules and Clause 7.2.
- A Regular student who has undergone a programme of study under earlier regulation/Scheme and could not complete the Programme due to shortage of attendance may repeat the semester along with the regular batch subject to the condition that he has to undergo all the examinations of the previous semesters as per the MGU-PG-CSS2019 regulations and conditions.
- A student who had sufficient attendance and could not register for fourth semester examination can appear for the end semester examination in the subsequent years with the attendance and progress report from the principal.

## **PROMOTION**

- A student who registers for a particular semester examination shall be promoted to the next semester.  
A student having 75% attendance and who fails to register for examination of a particular semester will be allowed to register notionally and is promoted to the next semester, provided application for notional registration shall be submitted within 15 days from the commencement of the next semester.

## **EXAMINATIONS**

- There shall be University examinations at the end of each semester.  
Practical examinations shall be conducted by the University at the end of

each semester or at the end of even semesters as prescribed in the syllabus of the particular programme. The number of examiners for the practical examinations shall be prescribed by the Board of Studies of the programmes.

- **End-Semester Examinations:** The examinations shall normally be conducted at the end of each semester for college going student. There shall be one end-semester examination of 3 hours duration for each lecture based and practical courses.
- A question paper may contain short answer type/annotation, short essay type questions/problems and long essay type questions. Different types of questions shall have different weightage.

## EVALUATION AND GRADING

- **Evaluation:** The evaluation scheme for each course shall contain two parts; (a) End Semester Evaluation(ESE) (External Evaluation) and (b) Continuous Evaluation(CE) (Internal Evaluation). 25% weightage shall be given to internal evaluation and the remaining 75% to external evaluation and the ratio and weightage between internal and external is 1:3. Both End Semester Evaluation (ESE) and Continuous Evaluation (CE) shall be carried out using direct grading system.
- **Direct Grading:** The direct grading for CE (Internal) and ESE (External Evaluation) shall be based on 6 letter grades (A+, A, B, C, D and E) with numerical values of 5,4,3,2,1 and 0 respectively.
- **Grade Point Average (GPA):** Internal and External components are separately graded and the combined grade point with weightage 1 for internal and 3 for external shall be applied to calculate the Grade Point Average (GPA) of each course.
- **Internal evaluation for Regular programme:** The internal evaluation shall be based on predetermined transparent system involving periodic written tests, assignments, seminars, lab skills, records, viva-voce etc.
- **Components of Internal (CE) and External Evaluation(ESE):** Grades shall be given to the evaluation of theory/practical/project/comprehensive viva-voce and all internal evaluations are based on the Direct Grading System. Proper guidelines shall be prepared by the BOS for evaluating the assignment, seminar, practical, project and comprehensive viva-voce within the framework of the regulation.
- There shall be no separate minimum grade point for internal evaluation. The model of the components and its weightages for Continuous Evaluation (CE) and End Semester Evaluation (ESE) are shown in below:
- **a) For Theory (CE) (Internal)**

Components	Assignment	Seminar	Best 2 Test papers	Total
Weightage	1	2	2	5

■ **b) For Theory (ESE) (External)**

Evaluation is based on the pattern of question paper

■ **c) For Practical (CE) (Internal)**

Components	Written/ Lab Test	Viva	Lab Involvement and Record	Total
Weightage	7	5	3	15

■ **d) For Practical (CE) (Internal)**

Components	Written/ Lab Test	Viva	Lab Involvement and Record	Total
Weightage	7	5	3	15

■ **e) For Project(CE) (Internal)**

Components	Relevance of the topic and Analysis	Project content and Presentation	Project Viva	Total
Weightage	2	2	1	5

■ **f) For Project (ESE) (External)**

Components	Relevance of the topic and Analysis	Project content and Presentation	Project Viva	Total
Weightage	3	7	5	15

■ **g) Comprehensive viva-voce (CE) (Internal)**

Components	Weightage
Comprehensive viva voce (All courses, I to IV Semesters)	5

■ **h) Comprehensive viva-voce (CE) (External)**

Components	Weightage
Comprehensive viva voce (All courses, I to IV Semesters)	5

■ All grade point averages shall be rounded to two digits.

To ensure transparency of the evaluation process, the internal assessment grade awarded to the students in each course in a semester shall be published on the notice board at least one week before the commencement of external examination.

■ There shall not be any chance for improvement for internal grade.

The course teacher and the faculty advisor shall maintain the academic record of each student registered for the course which shall be forwarded to the University through the Principal and a copy should be kept in the



college for verification for at least two years after the student completes the programme.

- **External Evaluation:** The external examination in theory courses is to be conducted by the University at the end of the semester. The answers may be written in English or Malayalam except those for the Faculty of Languages. The evaluation of the answer scripts shall be done by examiners based on a well-defined scheme of valuation. The external evaluation shall be done immediately after the examination preferably through Centralized Valuation.
- Photocopies of the answer scripts of the external examination shall be made available to the students on request as per the rules prevailing in the University.
- The question paper should be strictly on the basis of model question paper set and directions prescribed by the BOS.

### PATTERN OF QUESTIONS

- Questions shall be set to assess knowledge acquired, standard and application of knowledge, application of knowledge in new situations, critical evaluation of knowledge and the ability to synthesize knowledge. Due weightage shall be given to each module based on content/teaching hours allotted to each module.
- The question setter shall ensure that questions covering all skills are set.
- A question paper shall be a judicious mix of short answer type, short essay type /problem solving type and long essay type questions. The question shall be prepared in such a way that the answers can be awarded A+, A, B, C, D, E grades.
- **Weight:** Different types of questions shall be given different weights to quantify their range as follows:

No:	Pattern	Weight	Choice of Questions	Total Weight
1.	Short Answer	1	8/10	8
2.	Short essay/problem solving	2	6/8	12
3.	Long Essay	5	2/4	10
Total Weightage : 30				

- **Pattern of question for practical:** The pattern of questions for external evaluation of practical shall be prescribed by the Board of Studies.
- #### Direct Grading System
- Direct Grading System based on a 6- point scale is used to evaluate the Internal and External examinations taken by the students for various courses of study.

No.	Range	Grade Point	Grade
1	4.50 - 5.00	5	A+
2	4.00 - 4.49	4	A
3	3.00 - 3.99	3	B
4	2.00 - 2.99	2	C
5	0.01 - 1.99	1	D
6	0.00	0	E

### Performance Grading

- Students are graded based on their performance (GPA/SGPA/CGPA) at the examination on a 7-point scale as detailed below.

No.	Range	Grade	Indicator
1	4.50 - 5.00	A+	Outstanding
2	4.00 - 4.49	A	Excellent
3	3.50 - 3.99	B+	Very Good
4	3.00 - 3.49	B	Good (Average)
5	2.50 - 2.99	C+	Fair
6	2.00 - 2.49	C	Marginal (Pass)
7	Up to 1.99	D	Deficient (Fail)

- No separate minimum is required for internal evaluation for a pass, but a minimum 'C' grade is required for a pass in an external evaluation. However, a minimum 'C' grade is required for pass in a course.
- A student who fails to secure a minimum grade for a pass in a course will be permitted to write the examination along with the next batch.
- **Improvement of Course-** The candidates who wish to improve the grade/grade point of the external examination of a course/courses he/she has passed can do the same by appearing in the external examination of the semester concerned along with the immediate junior batch. This facility is restricted to first and second semesters of the programme.
- **One Time Betterment Programme-** A candidate will be permitted to improve the CGPA of the programme within a continuous period of four semesters immediately following the completion of the programme allowing only once for a particular semester. The CGPA for the betterment appearance will be computed based on the SGPA secured in the original or betterment appearance of each semester whichever is higher. If a candidate opts for the betterment of CGPA of a programme, he/she has to appear for the external examination of the entire semester(s) excluding practicals/project/comprehensive viva-voce. One time betterment programme is restricted to students who have passed in all courses of the programme at the regular (First appearance).

- **Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA) Calculations-** The SGPA is the ratio of sum of the credit points of all courses taken by a student in the semester to the total credit for that semester. After the successful completion of a semester, Semester Grade Point Average (SGPA) of a student in that semester is calculated using the formula given below.

$$\text{Semester Grade Point Average -SGPA } (S_j) = \frac{\sum(C_i \times G_i)}{\sum C_i}$$

(SGPA= Total credit Points awarded in a semester/Total credits of the semester)

Where 'S<sub>j</sub>' is the j<sup>th</sup> semester, 'G<sub>i</sub>' is the grade point scored by the student in the i<sup>th</sup> course and 'C<sub>i</sub>' is the credit of the i<sup>th</sup> course.

Cumulative Grade Point Average (CGPA) of a Programme is calculated using the formula:-

$$\text{Cumulative Grade Point Average (CGPA)} = \frac{\sum(C_i \times S_i)}{\sum C_i}$$

(CGPA= Total credit points awarded in all semesters / Total credits of the programme)

Where 'C<sub>i</sub>' is the credits for the i<sup>th</sup> semester 'S<sub>i</sub>' is the SGPA for the i<sup>th</sup> semester. The SGPA and CGPA shall be rounded off to 2 decimal points .

For the successful completion of semester, a student shall pass all courses and score a minimum SGPA of 2.0. However, a student is permitted to move to the next semester irrespective of her/his SGPA.

## AWARD OF DEGREE

- The successful completion of all the courses with 'C' grade within the stipulated period shall be the minimum requirement for the award of the degree.

## MONITORING COMMITTEE

- There shall be a Monitoring Committee constituted by the Vice-chancellor to monitor the internal evaluations conducted by institutions.

## RANK CERTIFICATE

- The University shall publish the list of top 10 candidates for each programme after the publication of the programme results. Rank certificate shall be issued to candidates who secure positions from 1<sup>st</sup> to 3<sup>rd</sup> in the list. Position certificate shall be issued to candidates on their request.
- Candidates shall be ranked in the order of merit based on the CGPA secured by them. Grace grade points awarded to the students shall not be counted for fixing the rank/position. Rank certificate and position certificate shall be signed by the Controller of Examinations.

# Programme Outcomes

## Post Graduate and Integrated PG Courses

### **M.Sc. COMPUTER SCIENCE**

Programme Outcomes:

**PO1:** The primary goal of the programme is to provide students the foundations for future work and careers in computation-based problem solving.

**PO2:** Possess practical and theoretical knowledge of Computer Science and Software Engineering in order to acquire sufficient earning for living and contribute to the economic development of the region, state and the nation.

**PO3:** Understand and respect the professional standards of ethics expected of computer scientists and software engineers and appreciate the social impact of computing.

**PO4:** Students will be able to demonstrate a broad knowledge of Computer Science which includes data structures, operating systems, computer programming skills, computer organization, algorithm design, and automata theory.

### **M.Sc. BIOTECHNOLOGY**

**PO1:** Graduates will be equipped with the necessary knowledge and technical skills to design, perform experiments, analyze and interpret data for investigating complex problems in biotechnology and related fields.

**PO2:** Graduates will be able to apply biotechnological solutions on environment and societal context keeping in view the need for sustainable solution necessary for building a stronger nation.

**PO3:** Graduates will be able to justify and solve societal health, safety and legal issues and work to improve the quality of life for those suffering from health-related diseases and disorders through biotechnological interventions..

**PO4:** Graduates will have knowledge and understanding of related norms and ethics in Biotechnology and intellectual property rights.

**PO5:** Graduates will be able to undertake responsibility either as an individual or as a team member within the interdisciplinary framework of biotechnology and related fields.

### **M.Sc. BIOCHEMISTRY**

**PO1:**Can opt for Research(PhD and PDF) so that they can put in their expertise for solving challenges.

**PO2:** The students are equipped with knowledge on using the latest equipments so that they can work in various laboratories, hospitals etc.

**PO4:** Students will be able to pursue career paths in teaching and research in theoretical and experimental fields by acquiring technical, analytical and computational skills to analyse and interpret scientific data.

### **M.A. ENGLISH LANGUAGE AND LITERATURE**

**PO1:** The graduate will have been familiarized with the representative literary and cultural texts within a significant number of historical, geographical, and cultural contexts.

**PO2:** The graduate will have learned to apply critical and theoretical approaches to the reading and analysis of literary and cultural texts in multiple genres.

**PO3:** the graduate will have acquired the ability to identify, analyze, interpret and describe the critical ideas, values, and themes that appear in literary and cultural texts and will have understood the way these ideas, values, and themes inform and impact culture and society, both now and in the past.

**PO4:** The graduate will have acquired the skill to write analytically in a variety of formats, including essays, research papers, reflective writing, and critical reviews of secondary sources.

**PO5:** The graduate will have learned to ethically gather, understand, evaluate and synthesize information from a variety of written and electronic sources.

### **MA HUMAN RESOURCE MANAGEMENT**

**PO1:** To offer an insight into the current scholarly knowledge in the field of HR and Management

**PO2:** To integrate and synthesise the various approaches to organizational and HR problems

**PO3:** To develop knowledge and understanding of related norms and ethics in the field of human resources and the various laws associated with HR functions

**PO4:** To undertake responsibility either as an individual or as a team member within the interdisciplinary framework of human resources and related fields.

### **INTEGRATED CHEMISTRY**

**PO1:** To offer an insight into the current scholarly knowledge in the field of Chemistry and its related areas.

**PO2:** To give a lot of insights into the application of chemistry in various fields of engineering and teaches more applications of chemistry in industry.

**PO3:** To develop knowledge and understanding of related practicals.

### **M.Sc. MICROBIOLOGY**

**PO1:** Students will be imparted with the required knowledge about performing experiments, analysis and interpretation of data for the analysis of scientific problems.

**PO2:** The use of microbiology for the identification of new diseases in hospitals and the society.

**PO3:** Students will have knowledge on the ethics to be followed while working with microorganisms and while manipulating them for daily life situations.

### **M.Sc. ELECTRONICS**

**PO1:** To acquire technical exposure, nurturing of career improvement/ advancement in the Electronics field .

**PO2:** To inculcate research aptitude of our young scholars.

**PO3:** To develop a sense of human values and social consciousness.

### **M.Sc. PSYCHOLOGY**

**PO1:** Equip and enable the students through providing conceptual understanding of psychology

**PO2:** Fostering ability to engage in life long learning, demonstrating empathetic social concern, contributing to the development of nation, by making sue of awareness gained on various issues

**PO3:** Enhancing the horizon of knowledge so as to enable the learners to carry out qualitative research and pursue academic or professional careers.

**PO4:** Developing problem analysis skills and knowledge and applying the same in real life situation.

**PO5:** Using research knowledge and aptitude acquired in the course of study for solving socially relevant problem

**PO6:** Professionalize psychology through providing and familiarizing the recent trends and advances in psychology

### **M.Com. FINANCE**

**PO1:** Students will be able to enhance their knowledge in specialized fields, develop self-directed knowledge and integrate knowledge across content areas.

**PO2:** Students will be able to think critically, and exploit opportunities based on knowledge acquired from classrooms and laboratories and have a clear understanding of professional and ethical responsibility in evaluating various perspectives and practices relevant to one's field of study.

**PO3:** Students will be able to communicate effectively in presenting ideas orally and in writing through seminars and project presentations, and meaningfully interact with people and organizations with teamwork.

# SYLLABUS OF POST GRADUATE PROGRAMMES

## M.Sc. COMPUTER SCIENCE

Sem	Code	Subject	Hrs./Week	Credit
I	CA500101	Computational Mathematics	4	4
	CA010101	Advanced web Technology	4	4
	CA010102	Operating Systems	4	4
	CA500102	Advanced Java Programming	3	3
	CA010103	Lab I (Java and PHP)	10	4
II	CA500201	Advanced Data Structures	4	4
	CA010201	Computer Networks	4	4
	CA010202	Research Methodology & Technical Writing	3	3
	CA500202	Database Management system and SQL	4	4
	CA010203	Lab II (DS using Java, SQL)	10	4
III	CA010301	Digital Image Processing	4	4
		Elective I	4	4
	CA010302	Python Programming	4	4
	CA500301	Software Engineering	4	4
	CA010303	Lab III (DIP using Python)	5	2
	CA010304	Mini Project using IOT	4	2
IV	CA010401	Data Mining	5	4
		Elective II	5	4
		Elective III	5	4
	CA010402	Main Project	10	8
	CA010403	Course Viva		2

## M.Sc. BIOTECHNOLOGY

Sem	Code	Subject	Hrs./Week	Credit
I	BT020101	General Biochemistry	4	4
	BT020102	Cell Biology and Genetics	4	4
	BT020103	Instrumentation and Biostatistics	4	4
	BT020104	Biophysics and Bioinformatics	3	3
	BT020105	Lab course I	10	4
II	BT020201	Microbiology	4	4
	BT020202	Immunology	4	4
	BT020203	Molecular Biology	4	4
	BT020204	Enzymology and Metabolism	3	3
	BT020205	Lab course II	10	4

III	BT020301	Bioprocess Technology	4	4
	BT020302	Recombinant DNA technology	4	4
	BT020303	Environmental biotechnology	4	4
	BT020304	Plant and Animal biotechnology	3	3
	BT020305	Lab Course III	10	4
IV	BT8304	Elective I	5	4
	BT8404	Elective II	5	4
	BT8504	Elective III	5	4
	BT020401	Lab course	10	4
	BT020402	Project and Dissertation		4
	BT020403	Comprehensive viva voce		3

### M.Sc. BIOCHEMISTRY

Sem	Code	Subject	Hrs./Week	Credit
I	BC010101	Biomolecules and structural Biology	4	4
	BC010102	Analytical Biochemistry & Bioinformatics	4	4
	BC010103	Cell Biology and Genetics	4	4
	BC010104	Human Physiology and Biostatistics	3	3
	BC010105	Laboratory Course I	10	4
II	BC010201	Metabolism and Bioenergetics	4	4
	BC010202	Molecular Biology and Genetic Engineering	4	4
	BC010203	Immunology	4	4
	BC010204	General Microbiology	3	3
	BC010205	Laboratory course II	10	4
III	BC010301	Enzymology	4	4
	BC010302	Plant Biochemistry	4	4
	BC010303	Molecular Endocrinology	4	4
	BC800301	Neurobiochemistry (Elective I)	3	3
	BC010304	Laboratory Course III	10	4
IV	BC010401	Clinical Biochemistry	5	4
		Elective -II	5	3
		Elective -III	5	3
	BC010402	Laboratory Course IV	10	5
	BC010403	Project		5
	BC010404	Viva Voce		3



## M.Sc. MICROBIOLOGY

Sem	Code	Subject	Hrs./Week	Credit
I	MG030101	Fundamentals of Microbiology	4	4
	MG030102	Fundamentals of Biochemistry	4	4
	MG030103	Analytical Techniques, Biostatistics & Bioinformatics	4	4
	MG030104	Cell Biology	3	3
	MG030105	Laboratory course I	10	4
II	MG030201	Immunology	4	4
	MG030202	Molecular Biology and rDNA Technology	4	4
	MG030203	Enzymes	4	4
	MG030204	Microbial Physiology and Metabolism	3	3
	MG030205	Laboratory course II	10	4
III	MG030301	Food and Industrial Microbiology	4	4
	MG030302	Environmental & Agricultural Microbiology	3	3
		Elective - I	4	4
		Elective - II	4	4
	MG030303	Laboratory Course III	10	4
IV	MG030401	Systematic Bacteriology	5	4
	MG030402	Medival Virology, Mycology & Protozoology	4	4
		Elective - III	4	4
	MG030403	Laboratory Course IV	12	5
	MG030404	Project		4
	MG030405	Comprehensive Viva Voce		2

## M.Sc. ELECTRONICS

Sem	Code	Subject	Hrs./Week	Credit
I	EL010101	Network Analysis and Synthesis	4	4
	EL010102	Electronic Circuits Analysis	4	4
	EL010103	IC Fabrication and MEMS	4	4
	EL010104	Digital Communication Techniques	3	3
	EL010105	Advanced Electronics Circuit Lab	10	4
II	EL010201	Digital Signal Processing & Applications	4	4
	EL010202	AVR based Embedded Systems	4	4
	EL010203	Mobile Computing	4	4
	EL010204	VLSI Design and Analysis	3	3
	EL010205	Microcontrollers and DSP Lab	10	4

III	EL010301	Digital System Design	4	4
	EL010302	Control Systems	4	4
	EL010303	Object Oriented Programming	4	4
	EL8xxxx1	Elective - I	3	3
	EL010304	Object Oriented Programming Lab	10	4
IV	EL010401	ARM Processor Based Embedded System	5	4
	EL8xxxxx	Elective - II	5	4
	EL8xxxxx	Elective - III	5	4
	EL010402	VHDL Programming Lab	10	4
	EL010403	Project Work		4
	EL010404	Comprehensive Viva Voce		3

### M.Sc. PSYCHOLOGY

Sem	Code	Subject	Hrs./Week	Credit
I	PY010101	Cognitive Psychology	4	150
	PY010102	Personality and Personal development	4	150
	PY010103	Psychopathology	4	150
	PY010104	Psychometry	3	150
	PY010105	Psychological assessment (Practical)	10	150
II	PY010201	Psychology of Intelligence, Learning & Motivation	4	150
	PY010202	Health Psychology	4	150
	PY010203	Research Methodology	3	150
	PY010204	Positive Psychology	4	150
	PY010205	Field work (Practical)	10	150
III	PY010206	Activity Based Assignments	4	150
	PY010301	Neuropsychology	4	150
	PY010302	Counselling	4	150
	PY010303	Cognitive & Behaviourally Oriented Therapies	3	150
	PY800301	Clinical Psychology and assessment	10	150
	PY010304	Neuropsychological Assessment (Practical)	5	150
IV	PY010401	Contemporary Social Issues and Role of Psychology In Social Engineering	5	150
	PY010402	Training Program for Mental Health Promotion		150
	PY800402	Psychotherapy	5	150
	PY800403	Specializations in Clinical Psychology	5	150
		Practical- Casestudy based on internship Project	10	

## M.Com. FINANCE

Sem	Code	Subject	Hrs./ Week	Credit
I	CM010101	Specialised Accounting	5	4
	CM010102	Organisational Behaviour	5	3
	CM010103	Marketing Management	5	4
	CM010104	Management Optimisation Techniques	5	4
	CM010105	Methodology for Social Science Research	5	4
II	CM010201	Advanced Corporate Accounting	5	4
	CM010202	Human Resource Management	5	3
	CM010203	International Business and Finance	5	4
	CM010204	Quantitative Techniques	5	4
	CM010205	Strategic Management	5	4
III	CM010301	Strategic Financial Management	6	5
	CM010302	Income Tax – Law and Practice	7	5
	CM010303	Security Analysis & Portfolio Management	6	4
	CM800301	Indirect Tax Laws (Elective - I)	6	4
IV	CM010401	Advanced Cost and Management Accounting	6	5
	CM010402	Income Tax-Assessment and Procedure	7	5
	CM800401	Derivatives & Risk Management (Elective - II)	6	4
	CM800402	Personal Investment and Behavioural Finance (Elective - III)	6	4
	CM010403	Project Report		4
	CM010404	Comprehensive Viva Voce		2

## M.A. ENGLISH

Sem	Code	Subject	Hrs./ Week	Credit
I	EN010101	Up Until Chaucer: Early Literatures in English	5	4
	EN010102	Literatures of the English Renaissance	5	4
	EN010103	Literatures of the English Revolution/ Enlightenment	5	4
	EN010104	19 <sup>th</sup> Century English Literatures	5	4
	EN010105	Literary Criticism	5	4
II	EN010201	Modernity and Modernisms	5	4
	EN010202	Postmodernism and Beyond	5	4
	EN010203	American Literatures	5	4

	EN010204	English Language History and Contemporary Linguistics	5	4
	EN010205	Thinking Theory	5	4
III	EN010301	Reading India	5	4
	EN010302	Post Colonial Fiction	5	4
	EN010303	Body, Text and Performance	5	4
	EN010304	Literature and Gender	5	3
	EN010305	Ethics in/as Literature	5	3
IV	EN010401	Cultural Studies	5	4
	EN010402	Post Colonial Poetry	5	3
		Elective - I	5	3
		Elective - II	5	3
		Elective - III	5	3
		Project		3
		Project Viva and General Viva		2
		Presentation in a Seminar		1

### MA HRM

Sem	Code	Subject	Hrs./ Week	Marks
I	CC01	Principles and Practices of Management	3	100
	CC02	Indian Ethos in management	3	100
	CC03	Organizational Behavior	3	100
	CC04	Introduction to HRM	3	100
	CC05	Applications of Quantitative techniques in business	4	100
	CC06	Accounting for managers	3	100
	CC07	Business Laws	3	100
	CC08	Business Communication	3	100
II	CC09	Environmental management and sustainable development	3	100
	CC10	Managerial Economics and Global Business	3	100
	CC11	Financial Management	3	100
	CC12	Marketing Management	3	100
	CC13	Operations Management	3	100
	CC14	Innovation and Change Management	3	100
	CC15	MIS and Cyber security	3	100
	CC16	Internship	4	100
III	CC17	Research Methodology	3	100
	CC18	Knowledge & Talent Management	3	100
	CC19	Industrial Relations	3	100

	CC20	Training and Development	3	100
	CC21	Leadership Development	3	100
	CC22	Compensation and Reward management	3	100
	CC23	Enterprise Resource Planning	3	100
	CC24	Labour Laws	4	100
	CC25	Strategic Human Resource Management	5	100
	CC26	Entrepreneurial Development	4	100
IV	EC01	Elective 1 - Conflict & Negotiation Management	4	100
	EC02	Elective 2 - Manpower Sourcing	4	100
	EC03	Elective 3 - Counseling Skills for Managers	4	100
	EC04	Elective 4 - HR Accounting and Auditing	4	100
	CC27	Problem Centered Project work		100
	CC28	Comprehensive Viva		100

### INTEGRATED PROGRAMME IN BASIC SCIENCE - CHEMISTRY

Sem	Code	Subject	Hrs./ Week	Marks
I	IEN1CC01	English I- Communication Skills in English	4	150
	ICH1CR02	Elementary to Research in Chemistry-I	4	150
	ICH1CR03	Basic Level in Inorganic Chemistry	4	150
	ICH1CR04	Basic Level in Theoretical and Analytical Chemistry	3	150
			10	150
	ICH1CM05	Mathematics I- Partial Differentiation, Matrices, Trigonometry and Probability	4	150
			4	150
	ICH1CM06	Physics I- Properties of matter and semiconducting materials	3	150
		4	150	
	ICH1CP07	Volumetric Analysis-I	10	150
	ICH1CMP08	Physics Practical-I	4	150
II	IML/HN2CC01	Malayalam - Katha, Kavitha, Athmakatha / Hindi – Katha and Kavitha	4	150
			4	150
	ICH2CR02	Elementary to Research in Chemistry - II	3	150
	ICH2CR03	Basic level in Organic Chemistry	10	150
	ICH2CR04	Basic level in Physical Chemistry	5	150
	ICH2CM05	Mathematics II – Integral Calculus and Differential Equations	5	150
				150
	ICH2CM06	Physics II - Mechanics and Relativity		150
			150	
	ICH2CP07	Volumetric Analysis – II	5	150
	ICH2CMP08	Physics Practical - 1	5	150
III	ICH3CR01	Inorganic Chemistry - 1	10	
	ICH3CR02	Organic Chemistry - 1		

	ICH3CR03	Physical Chemistry - 1	5	4
	ICH3CM04	Mathematics III - Partial Differential Equations, Abstract 5 Algebra and Analytic Geometry	5	4
	ICH3CM05	Physics III - Modern Physics , Electrodynamics and Transducers	5	4
	ICH3CP06	Qualitative Inorganic Analysis - 1	5	4
	ICH3CMP07	Physics Practical - II	5	3
IV	IEN4CC01	Common English - II	5	3
	ICH4CR02	Analytical Chemistry	5	4
	ICH4CR03	Green Chemistry	5	3
	ICH4CM04	Mathematics IV - Fourier Series, Laplace Transformations, Vector Functions and Complex Analysis	5	3
	ICH4CM05	Physics IV - Optics, Dielectrics and Spectroscopic Instrumentation	5	3
	ICH4CP06	Qualitative Inorganic Analysis - II		2
	ICH4CMP07	Physics Practical - II		1
V	ICH5CR01	Environmental Studies & Human Rights		
	ICH5CR02	Inorganic Chemistry - II		
	ICH5CR03	Organic Chemistry - II		
	ICH5CR04	Physical Chemistry - II		
	ICH5CR05	Physical Chemistry - III	3	100
	ICH5CP06	Gravimetric Analysis	3	100
	ICH5CP07	Organic Analysis	3	100
VI	ICH6CR01	Inorganic Chemistry - III	4	100
	ICH6CR02	Organic Chemistry - III	3	100
	ICH6CR03	Organic Chemistry - IV	3	100
	ICH6CR04	Physical Chemistry - IV	3	100
	ICH6ELA1/2	Elective 1	3	100
	ICH6CP05	Physical chemistry experiments	3	100
	ICH6CP06	Preparation and Purification Methods of Organic Compounds.	3	100
	ICH6PR07	Project (Minor)	3	100
VII	ICH7CR01	Advanced Inorganic Chemistry - I	3	100
	ICH7CR02	Advanced Theoretical Chemistry & Computational Chemistry	3	100
	ICH7CR03	Advanced Organic Chemistry -1	3	100
	ICH7CR04	Advanced Physical Chemistry - 1	4	100
	ICH7CP05	Inorganic Chemistry Practicals - 1	3	100
	ICH7CP06	Organic Chemistry Practicals - 1	3	100

VIII	ICH8CR01 ICH8CR02 ICH8CR03 ICH8ELB1/2 ICH8CP04 ICH8CP05	Advanced Inorganic Chemistry – II Advanced Organic Chemistry - II Advanced Physical Chemistry - II Elective 2 Physical chemistry Practicals Instrumental methods of Analysis		
IX	ICH9CR01 ICH9CR02 ICH9CR03 ICH9ELB1/2 ICH9CP04 ICH9CP05	Environmental Studies & Human Rights Inorganic Chemistry - II Organic Chemistry - II Elective 3 Inorganic Chemistry Practicals - II Organic Chemistry Practicals - II		
X	ICHXPR01 ICHXVV02	Project (Major) Comprehensive viva		

## UNIVERSITY RANK/POSITION & 'A' GRADE HOLDERS

Year	Name	Course	Rank
2023	Busharamol P.N.	M.Sc. Computer Science	I Rank
	Nandana Harikumar	M.Sc. Biochemistry	I Rank
	Ann Maria Philip	M.Sc. Electronics	I Rank
	Amrutha Jinesh	M.Sc. Electronics	III Rank
	Sumayyamol K.S.	M.Sc. Computer Science	III Rank
	Jazeera Abbas	M.Sc. Biotechnology	IV Rank
	Abigith Abraham	M.Sc. Microbiology	V Rank
	Shahma R.M.	M.Sc. Microbiology	VI Rank
	Fathima Mony	M.Sc. Psychology	VII Rank
	Alfimol P.S.	M.Sc. Microbiology	VII Rank
	Aliya Jalal	MHRM	VIII Rank
	Jofiya K.A.	M.Sc. Biotechnology	VIII Rank
	Archana Aviyan	M.Sc. Electronics	X Rank
	Sharon Joseph	B.Sc. Electronics	I Rank
	Jannathul Shereef	B.A. Arabic	I Rank
	Asya Niba Ubaid	B.Voc. Animation	I Rank
	Arjun C. Jayan	B.Voc. IIA	I Rank
	Anakha Gireesh S.	B.Voc. FDM	I Rank
	Liyana P. Jamal	B.Voc. SDSA	I Rank
	Navaneeth T.R.	B.Voc. TAH	I Rank
	Swetha Raj K.K.	B.Voc. MSFT	I Rank
	Fazil Rehman	B.Sc. Electronics	II Rank
	Muhzina Jamal	B.A. Arabic	II Rank
	Muhammed Fayaz Jahan M.S.	B.Voc. Animation	II Rank
	Sreelekshmi M. Menon	B.Voc. IIA	II Rank
	Gayathri K. Mohanan	B.Voc. FDM	II Rank
	Fathimathul Naja A.P.M.	B.Voc. SDSA	II Rank
	Nesmal M.J.	B.Voc. MSFT	II Rank
	Alby Baby	B.Sc. Electronics	III Rank
	Muhammed	BCA	III Rank
	Jesna P.A.	B.A. Arabic	III Rank
	Devika E.S.	B.Sc. Mathematics	III Rank



Anakha Anilkumar	B.Sc. Microbiology	III Rank
Derindas K.	B.Voc. Animation	III Rank
Vismay Suresh	B.Voc. IIA	III Rank
Muhsina P.A.	B.Voc. FDM	III Rank
Fahad Bin Saeed K.T.	B.Voc. SDSA	III Rank
Rizwin Salim	B.Voc. MSFT	III Rank
Resla Shajeev	B.A. Arabic	IV Rank
Hanna Varghese	B.Voc. Logistics	IV Rank
Fayidha Sulthana	B.Sc. Mathematics	V Rank
Muhammad Fahiz	B.A. Arabic	V Rank
Hussna Hawwa	B.Sc. Psychology	V Rank
Ambadi Vijayakumar	B.Sc. Electronics	V Rank
Fathima Thashkant	B.A. Arabic	VI Rank
Aadhila Khan V.A.	BCA	VI Rank
Asma S.	B.Sc. Microbiology	VIII Rank
Badhira M.A.	BCA	VIII Rank
Meenakshi Javahar	B.Voc. Logistics	VIII rank
Shahnaz Puthiyaveettil Mujeeb	BBA	A+
Fidha Sageer C.S.	BBA	A+
Steffy Senson	BCA	A+
Khadeeja Beevi C.N.	BCA	A+
Razeena M.A.	BCA	A+
Arun C.P.	BCA	A+
Nazeeh K.S.	BCA	A+
Asna A.A..	B.Com. CA	A+
Alfiyamol V.J.	B.Com. CA	A+
Anna Babitha G.J.	B.Sc. Biotechnology	A+
Sandra Maria	B.Sc. Biotechnology	A+
Mohammed Adnan naina	B.Sc. Biotechnology	A+
Nandana P.S.	B.Sc. Microbiology	A+

2022	Nithin Jose Ahmmed Shibili K. Neethu Jose Rahul Sreekumar Fathima Ramseena M.K. Safna Hydrose Fawad M.A. Christeena Saji Abhishek C.P. Akhil V. Shaji Fathima Sana Reshmi K.C. Adarsh Udayan Aysha A. Althaf Ashraf Fathima Nisna Muhammed Jovitha Aleena Luiz Jumaana Naseeb Afiya Chithra Vinod	B.Voc. AGD B.Voc. IIA B.Voc. FDM B.Voc. SDSA B.Sc. Microbiology B.Voc. LM B.Voc. AGD BBA B.Voc. LM B.Voc. AGD BCA B.Sc. Electronics B.Voc. LM B.Sc. Biotechnology B.Voc. LM BBA BBA BCA BCA B.Sc. Biotechnology B.Sc. Microbiology B.Sc. Biotechnology	I Rank I Rank I Rank I Rank II Rank II Rank II Rank III Rank III Rank III Rank VI Rank VI Rank VII Rank VIII Rank IX Rank A+ Grade A+ Grade A+ Grade A+ Grade A+ Grade A+ Grade A+ Grade
2021	Shifa Thahaniya Sreejith A.S. Shibina S. Muhammed Sameer K.A. Asif M.S. Greeshma Thulasidas Aseel Abdulla Nunu fathima P.N. Beetha Poullose Nazrin Naushad Bibin Punnose Babu Nesrin A.N.	B.Sc. Microbiology B.Sc. Electronics B.A. Arabic B.A. Arabic B.A. Arabic B.Sc. Electronics BCA B.Sc. Electronics BCA B.Sc. Psychology B.Sc. Physics B.Sc. Physics	I Rank I Rank I Rank II Rank III Rank III Rank IV Rank VI Rank IX Rank IX Rank IX Rank IX Rank X Rank
2020	Aysha K.M. Naeema M.N. Sarika S.	M.Sc. Biotechnology MHRM M.Sc. Computer Science	I Rank I Rank II Rank

	Anaswrakrishna C.P. Farsy M.A. Hitha E.L. Darsana Vilasachandran Sumayya K.A. Razeena K. Niha Jahangeer Sumal Roshna K.S. Athira Sivan Nazima Ebrahim Ambily P.A. Pooja D. Krishna Akhin Das K. Nissy Paul Aswathy P.M. Aardra Warrior Sreelakshmi Sajeev Vismaya Manoj P.	M.Sc. Electronics MHRM M.Sc. Electronics M.Sc. Biotechnology MHRM M.Sc. Biochemistry BBA B.Sc. Electronics B.Sc. Psychology B.Sc. Psychology B.Com. (CA) B.Sc. Microbiology B.Sc. Electronics B.Sc. Mathematics B.Sc. Electronics B.Com. (CA) BCA BCA	II Rank II Rank III Rank VII Rank VIII Rank IX Rank II Rank II Rank III Rank IV Rank V Rank V Rank VII Rank VIII Rank IX Rank X Rank A+ A+
2019	Farzana M.S. Aswathy Sukumaran Aleena Reetha M.J. Amalu K. Alias Akhila Nasser Durga N.N. Afna Sulaiman Ashaya Sathish Vaishnavi Sivaprasad Neenu Paul Hana Rasheed Anshida T.A.	BCA BBA BBA B.Com. CA B.Com. CA B.Sc. Psychology B.Sc. Psychology B.Sc. Psychology B.Sc. Psychology B.Sc. Electronics B.Sc. Biotechnology B.Sc. Microbiology	A+ A+ A+ A+ A+ A+ A+ A+ A+ A+ A+ A+ A+
2018	Farheen Jabbar Arunima Arun Jabna M.J. Farzana Akber	B.Com. Taxation B.A. English BBA M.Sc. Electronics	A+ A+ A+ I Rank
2017	Meherban P.A. Aya M.V. Fathimath Shaliha Basma Chooraveli Ibrahim Athira P.S. Nisha Joy	M.Sc. Electronics BCA BCA B.Com. CA B.Com. taxation B.Sc. Microbiology	II Rank A+ A+ A+ A+ A+

	Shabana Shajahan	M.Sc. Electronics	II Rank
2016	Biyas A.B. Revathy C.J. Pavithra Mary John Shahina P.S. Arjuna Prabhakar Lulu S Kumar Wafha K.A. Shamsa K.H. Athulya C.J. Thaslima K.S. Veena S. Moos	B.Com. CA B.Com. CA B.Com. Taxation B.Com. Taxation B.Sc. Biotechnology B.Sc. Biotechnology M.Sc. Microbiology M.Sc. Microbiology M.Sc. Biochemistry MHRM M.Sc. Electronics	A+ A+ A+ A+ A+ A+ I Rank II Rank II Rank III Rank II Rank
2015	Shahana Aswathy.R Riya Sara Alias Shabnam Ali	B. Com. B. Com. B.Com. B.Sc. Biotechnology	A A A A
2014	Lakshmi Rajmohan Sulfeena T.E. Lishamol Poulouse	B.Com. B.Com. M.Sc. Biotechnology	A A A
2013	Gasna M.H. Shaheen Parveen Nikita Raj Rajesh AR Kiran Varma V Haleema Aliyar Asha Asharaf Suhana PA Arshin E A Mikshala A.U. Miseriya Majeed Mohsina M.K Shafna Basheer Muhseena Febina Feroz	BBA BBA B.Sc. Biotechnology B.Com. BCA BCA B.Sc. Physics B.A. Arabic B.A. Arabic B.Sc. Mathematics B.Sc. Mathematics B.Sc. Mathematics B.Sc. Mathematics M.Sc. Biochemistry M.Sc. Biotechnology	A A A A A A A A A A A A A I Rank III Rank
2012	Afsiya K.S Revathy K Aswathy Ashok Bincy jacob Lishamol Paulose Rinsila A.A.	BCA BCA B.Sc. Electronics B.Sc. Biotechnology B.Sc. Biotechnology B.Sc. Microbiology	A A A A A A

	Krishna Unni Seeba Baby	B.Sc. Mathematics M.Sc. Electronics	A II Rank
2011	Soumya Balachandran Sindhu S. Nair Raihana V. Febina Firoz Nafsiya T.B.	M.Sc. Electronics M.Sc. Biotechnology M.Sc. Biochemistry B.Sc. Biotechnology B.Sc. Mathematics	II Rank I Rank III Rank II Rank II Rank
2010	Jesna K.P. Vani K.R. Nisha M. Salim	M.Sc. Electronics B.Sc. Electronics M.Sc. Biotechnology	I Rank II Rank II Rank
2009	Akshara P.K. Sini T. Remya R.	BCA B.Sc. Electronics M.Sc. Electronics	I Rank I Rank II Rank
2008	Thabsum Nazeer Raney Mathew Divya Hari Neema K. Hamza	BBA BCA B.Sc. Electronics B.Sc. Electronics	I Rank III Rank I Rank III Rank
2007	Shymol T.V. Farzana S Hussain Niviya Vijayan	MCA B.Com. CA BCA	I Rank II Rank III Rank
2006	Arun Paul Ushasree M.V.	BBA M.Sc. Biotechnology	I Rank I Rank
2005	Rajeesh K.R. Shymoi T.V.	B.Sc. Electronics BCA	I Rank III Rank
2004	Ragitha Krishan Jayasurya Palatty Salini N.S.	BCA BBA BBA	III Rank III Rank II Rank
2003	Shereena M.K.	B.Sc. Electronics	II Rank
2001	Femena A.S.	BBA	I Rank
2000	Madhu S. Nair	BCA	I Rank
1999	Izmira Usman Deepu Poulouse	BBA B.Sc. Electronics	II Rank II Rank
1998	Saneesh E.N.	B.Sc. Electronics	III Rank

# ACDEMIC SCHEDULE

## UG/Integrated PG Programme

Semester	Date of Commencement	Date of Closing
I	10.07.2023	17.11.2023
II	20.11.2023	27.03.2024
III	01.06.2023	31.10.2023
IV	01.11.2023	27.03.2024
V	01.06.2023	31.10.2023
VI	01.11.2023	27.03.2024

## PG Programme

Semester	Date of Commencement	Date of Closing
I	13.07.2023	24.11.2023
II	27.11.2023	27.03.2024
III	01.06.2023	31.10.2023
IV	01.11.2023	27.03.2024

Semester	Date of Commencement	Date of Closing
Onam Holidays	25.08.2023	03.09.2023
Christmas Holidays	23.12.2023	02.01.2024
Mid Summer Vacation	01.04.2024	31.05.2024



## TIME TABLE

### ODD SEMESTER

Day	I	II	III	IV	V
Monday					
Tuesday					
Wednesday					
Thursday					
Friday					

### EVEN SEMESTER

Day	I	II	III	IV	V
Monday					
Tuesday					
Wednesday					
Thursday					
Friday					



# ACADEMIC RECORD

## ODD SEMESTER

Subject	Test 1	Test 2	Assignment	Seminar/Viva	Attendance

## EVEN SEMESTER

Subject	Test 1	Test 2	Assignment	Seminar/Viva	Attendance

# ACADEMIC RECORD

## ODD SEMESTER

Subject	Test 1	Test 2	Assignment	Seminar/Viva	Attendance

## EVEN SEMESTER

Subject	Test 1	Test 2	Assignment	Seminar/Viva	Attendance



Garment Construction Lab



2D Animation Lab



Gymnasium



Instrumentation Lab



College Bus Service



EK Abdul Khader Sahib  
Memorial Block



Inauguration of  
Biotechnology Research Lab

**MES COLLEGE MARAMPALLY**  
NAAC REACCREDITED A+ COLLEGE (CGPA = 3.38)





## **MES COLLEGE MARAMPALLY**

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