

Admission to Academic Programmes 2023

(Post Graduate Programmes, Integrated Programmes, M. Tech Programmes & MBA)

In the University Schools/ Departments / Centers

Prospectus 2023



MAHATMA GANDHI UNIVERSITY

Priyadarsini Hills , Athirampuzha KOTTAYAM – 686560

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Priyadarsini Hills , Athirampuzha KOTTAYAM – 686560

Chancellor: Shri. Arif Mohammed Khan, Hon'ble Governor of Kerala

Pro Chancellor: Hon'ble Minister for Higher Education, Government of Kerala

Vice Chancellor: Prof. (Dr.) Sabu Thomas

Pro- Vice Chancellor : Prof. (Dr.) C.T. Aravindakumar

Overview

Mahatma Gandhi University accredited with 'A' Grade (3.24) by NAAC is one of the major Universities in Kerala, which received thrice, the best University award from the Governor of Kerala. It holds 30th position in national level NIRF ranking of MHRD. Set on the sprawling 110-acre Priyadarsini Hills Campus at Athirampuzha, 13 kms off Kottayam, the University also has two satellite campuses in Kottayam.

The University was established on 2nd October 1983 and has jurisdiction over the revenue districts of Kottayam, Ernakulam, Idukki and parts of Pathanamthitta and Alappuzha. Mahatma Gandhi University offers a range of programmes at postgraduate level, M Phil and Ph D through its Schools, Departments and Centres. The University has already made immense strides in the fields of interdisciplinary teaching and research in the areas of pure and applied sciences, social sciences and humanities. In order to provide our students an experience of National and international interactions, certain number of seats in selected programmes are reserved for the students from other states as well as from outside the country

Mahatma Gandhi University offers students from other states a golden opportunity to have the 'Kerala Experience'. Kerala is internationally viewed as one of the few 'must visit tourist destination' by the BBC. Students are provided a chance to enjoy the well acclaimed Kerala model of Postgraduate Education and Research with all the cutting-edge facilities in diverse interdisciplinary and basic science subjects as well as in arts and humanities, in a Picturesque Campus in the 'Rural Ambience'. The University is committed to arrange safe accommodation to all who are admitted from the other states in the 'Open All India Quota' and also for all the international students.



From the Vice Chancellor's Desk

Mahatma Gandhi University, one of the major affiliating universities in Kerala, is the premier educational institution that strives to fulfil the higher educational needs of the people of Central Kerala. Its headquarters is at Priyadarshini Hills, 13 kms off Kottayam and the campus is spread in an area of 125 acres. The University also has satellite campuses in parts of Kottayam and the neighbouring districts. The University was established on 2 October 1983 and has jurisdiction over the revenue districts of Kottayam, Ernakulam, Idukki and parts of Pathanamthitta and Alappuzha. Its academic universe consists of 25 University Schools/Departments, 8 Inter-University Centres, 10 Inter School Centres and 264 Affiliated Colleges. The University has achieved tremendous progress in securing a good number of **research and extension projects** under the auspices of national agencies and institutions like UGC, FIST, DRS, ISRO, COSIT, CSIR, DAAD, STEC, ICMR, BARC, MoEF, ICCR, ICHR, IED, IIFT, and the Sahitya Academy. There is considerable advance made in the University's execution of **MoUs with research institutions of international reputation**. The MoUs entered into with Max Planck Institute of Technology, Germany; Brown University, USA; University of Nantes, France; California Institute of Technology, USA; University of Toronto, Canada; Catholic University, Belgium; Heidelberg University, Germany; and the Institute of Political Studies, Rennes, France, and Jinan University, China are only a few of them. The School of Chemical Sciences and the Centre for Nanoscience and Nanotechnology, which have been active in sending researchers to foreign Universities, have sent the largest number of researchers during the last two years. The number of researchers who visited the University under their MoUs is the highest too. The University is top in the state in bringing the **highest amount of money by way of project grants** in the year 2011 and subsequent years. A major portion of the funds are being brought by the science departments alone.

The **web-enabled University Library** with its large collection of books, journals and e-journals as well as the **Online Theses Digital Library** that provides open access to its

collection of digitalised Ph.D dissertations are some of the notable achievements of the University during the last few years. This is the only University in the country which has made its Doctoral Dissertations Open Source for Worldwide Access. INTUTE has identified the University as the best in the country in putting its knowledge share as Open Source. This has earned the University the **Best Institution of E-Learning Facility Award** instituted by the state Government. Recently, the entry of the University's Publications Department to **knowledge book publishing**, the rejuvenation of various **Chairs in the University Departments**, initiation of the **Campus Area Networking**, development of **ICT supported teaching** (through smart classrooms) etc., have enabled Mahatma Gandhi University to assert and rearticulate its primary function as an important knowledge service provider in the country.

The achievements outlined here have placed the University quite prominently on the national academic map. Today Mahatma Gandhi University **is ranked first in the State, third in South India and thirteenth in the whole nation** by CSIR in terms of the **intellectual productivity of the faculty**. NISTADS has ranked the University **nineteenth in terms of the h-Index of the Science Faculty**. Some of the members of the faculty have very good publications in their areas of specialisation.

DST has ranked the University 8th among the 29 Universities with **DST recognition under PURSE** in the Country. The University has successfully introduced the **Choice Based Credit and Semester System (CBCSS) and Grading System** in the affiliated colleges and the Kerala State Higher Education Council (KSHEC) cites this as constituting a Model for other Universities in the state. Ours is the only University with software autonomy for computer automation and **Campus Area Networking**, and the only affiliating University in the Country with a **Centralized Admission Procedure (CAP)** for admission to both UG and PG Programmes. UGC cites Mahatma Gandhi University as **a national model for New Initiatives**. The University is top in bringing **Nobel Laureates as Scholars-in-Residence** under the Government-sponsored Scheme of **ERUDITE**. The University has undertaken state level co-ordination of two scholarship schemes introduced by the Government of Kerala, the **ACQUIRE** and **Tanma** for nurturing social science brilliance and literary talent respectively.

University has secured the **prestigious Chancellor's Award for the best University** in the State three times. Similarly, University has **obtained 'A' Grade with CGPA 3.24** in the third cycle of NAAC reaccreditation. University has also improved its position from 34th rank in 2018 to **30th position in 2022 in the NIRF ranking** of the Human Resources Development Ministry. The University is **ranked 6th in the India Today MRDA ranking of Indian Universities (2019)**. The University has also been ranked in 400-500 ranks in Times Higher Education ranking 2022.

All the programs offered by Mahatma Gandhi University follow the CSS system with Outcome Based Approach. The flexibility in the curriculum has been designed with industry-specific goals in mind and the educator enjoys complete freedom to appropriate the syllabus by incorporating the latest knowledge and stimulating the creative minds of the students. Bench marked with the course of studies of various institutions of repute, our curriculum is extremely contemporary and is a result of brainstorming efforts of great think-tanks: a large number of faculty members, experts from industries and research level organizations. The evaluation mechanism employs continuous assessment with grade point averages. We believe sincerely that it will meet the aspirations of all stakeholders – students, parents and the employers of the graduates and postgraduates of Mahatma Gandhi University.

At Mahatma Gandhi University, research, consultancy and innovation are regarded as our pillars of success. Most of the faculty members of the University are involved in research by attracting funded projects from various funding agencies. The outcome of the research is passed on to students through live projects from industries. The entrepreneurial zeal of the students is encouraged and nurtured. Our faculty teach students with research as base for teaching and approach towards problem solving ability and societal issues in mind.

Mahatma Gandhi University has introduced structured training programs on soft-skills and preparatory training for competitive examinations are offered to make students more employable and towards 100% placement. The entrepreneurship development activities and establishment of “Business Innovation and Incubation Centre” in the University extend full support to the budding entrepreneurs to nurture their ideas with innovation and creativity and establish an enterprise for knowledge transfer and wealth creation.

I strongly believe Mahatma Gandhi University is marching ahead in the right direction, providing a holistic education to the future generation and playing a positive role in nation building. We reiterate our endeavor to provide premium quality education accessible to all and an environment for the growth of over-all personality development leading to generating “Global Professionals”.

The Common Admission Test for admission to various teaching Departments/Schools of the University is conducted to provide admission to the most talented students to the University campus. We provide our students with excellent learning and placement in Indian and global industries. All aspiring students are invited to experience the difference of a visionary University, its world-class research and academic environment, hi-tech laboratories and classroom facilities.

I look forward to welcoming you to Mahatma Gandhi University!

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List of Academic Programmes, Number of Seats & Eligibility

Sl N o	Programmes		
		Seat	Eligibility
1	MSc. in Biochemistry	10	BSc degree in Botany, Zoology, Biochemistry, Biophysics, Microbiology, Biotechnology, Chemistry, Physics, Life Sciences/Allied Sciences with not less than 50 % marks in part III. *
2	M.Sc. in Biotechnology	10	
3	M.Sc. in Biophysics	05	
4	M.Sc. in Microbiology	10	
5	M.Sc. in Chemistry (Inorganic Chemistry)	12	BSc in Chemistry with Mathematics as one of the Subsidiaries with not less than 50% marks in Part III.*
6	M.Sc. in Chemistry (Organic Chemistry)	12	
7	M.Sc. in Chemistry (Physical Chemistry)	12	
8	M.Sc. in Chemistry (Polymer Chemistry)	12	
9	M.Sc. in Computer Science	25	BSc in Computer Science/ Computer Application/BCA or any other B Sc Degree with Computer Science as the main subject with not less than 50% marks in part III. *
10	M.Sc. in Psychology	16	Pass in B.A/BSc Psychology with not less than 50 % marks in Part III.*
11	M.Sc. in Physics	20	BSc in Physics with Mathematics as one of the subsidiary with not less than 50% marks in Part III. *

12	M.Sc. in Environment Science & Management	12	B.Sc Degree in any one of the following subjects (Botany / Zoology / Chemistry / Physics / Geology / Geography / Life Science / Environment Management / Microbiology / Biotechnology / Biochemistry / Plant or Animal Science / Agriculture / Fisheries / Aquaculture / Horticulture / Forestry) or B.Tech in Civil / Mechanical / Chemical or Environmental with not less than 50% marks in Part III or CGPA not less than 5 at 10 point scale or CGPA not less than 2.5 at 5 point scale.
13	M.Sc. in Environment Science and Disaster Management	12	B.Sc. Degree in any one of the following subjects (Botany / Zoology / Chemistry / Physics/Geology / Geography / Life Science / Environment Management / Microbiology / Biotechnology / Biochemistry / Plant or Animal Science / Agriculture / Fisheries / Aquaculture / Horticulture / Forestry) or B. Tech in Civil / Mechanical / Chemical or Environmental with not less than 50% marks in Part III or CGPA not less than 5 at 10 point scale or CGPA not less than 2.5 at 5 point scale
			B.Sc. Geology / B.Sc. Geology and Water Management with pass, not

14	MSc Applied Geology	10	less than 50% marks in Part III or CGPA not less than 5 at 10 point scale or CGPA not less than 2.5 at 5 point scale
15	M.Sc. Statistics	20	BSc degree in Mathematics or Statistics main /B.Sc. (Triple main) with Mathematics, Statistics and Computer Science as main subjects or B.Sc./B.Voc. Data science/Data Analytics or B.E/B.Tech (Computer Science) with at least 50% marks (CGPA 5.0 out of 10 under grading system) for the optional subjects taken together, provided the candidate has studied at least 4 courses in Probability/Statistics at degree level.
16	MSc Mathematics	20	B.Sc. Degree in Mathematics/ Applied Mathematics with at least 50% marks (CGPA 5.0 out of 10.00 under grading system) for the optional subject taken together.
17	M.Sc. Artificial Intelligence and Machine Learning	12	Bachelor's Degree in Computer Science / Computer Applications / Information Technology / Cyber Forensic / Electronics or Any other degree in Science with Artificial Intelligence/Machine Learning / Computer Science / Computer Applications as major components or at subsidiary level or B.Tech Degree in Computer Science / IT / Electronics with not less than 50 % mark in part III.*
	M.Sc. Physics (Nano Science and Nano Technology)	10	B.Sc Physics with two subsidiaries (Mathematics compulsory)*

18			
19	MSc Chemistry (Nano Science and Nano Technology)	10	B.Sc Chemistry with two subsidiaries (Mathematics compulsory) *
20	M.Sc. Data Science and Analytics	20	B.Sc. Degree in Mathematics or Statistics or Computer Science main / B.Sc. (triple main) with Mathematics, Statistics and Computer Science as main subjects or BCA, B.Sc./B.Voc. Data Science or Data Analytics, B.E./ B. Tech.(CS or IT) with at least 50% marks (CGPA 5.0 out of 10.00 under grading system) for the optional subjects taken together, provided the candidate has studied at least 2 courses in Probability / Statistics at degree level.
21	M.Sc. Food Science and Technology	20	Bachelor's / B. Voc. degree in Biochemistry, Biotechnology, Chemistry, Food Science & Technology, Food Technology & Quality Assurance, Food Science & Quality Control, Food processing, Home Science with Chemistry (as auxiliary), Microbiology or Life Science stream with a minimum of 50 % marks in aggregate.*
22	M.Sc. in Botany and Plant Science Technology	10	Bachelor's degree in Botany or Botany-Biotechnology (double main) with not less than CCPA of 5.00 out of 10.00 in the Core Group (Core + Open + Complementary) under the 10+2+3

			systems
23	M.Sc Physics (Specialization in Energy Science)	10	A Pass in B.Sc Physics from Mahatma Gandhi University or equivalent from other Universities
24	M.Sc Chemistry (Specialization in Energy Science)	10	A Pass in B.Sc Chemistry from Mahatma Gandhi University or equivalent from other Universities
25	M.Sc Material Science (Specialization in Energy Science)	10	A pass in B.Sc. or B.S in Physics / Chemistry / Materials Science / Nanoscience and Nanotechnology / Polymer Chemistry and Renewable Energy.
26	M A Politics and International Relations	15	BA in Economics/ Politics/ History/ Law with not less than 45% marks for Part III or B A in English/ Sociology/Anthropology/ Psychology/ Geography/ Philosophy/ Commerce with not less than 50% marks in Part III or B Sc in any branch with not less than 60% marks in Part III. *
27	M A Politics and Human Rights	05	
28	M A Politics (Public Policy and Governance):	05	
29	M A in Malayalam	13	Bachelor's degree in Malayalam with not less than 45% marks (or CGPA of 1.8) in Part III or degree in Arts/Science with a minimum of 50% marks in Part II Malayalam *
30	M A in English	13	Bachelor's degree in English with not less than 45% marks in Part III or degree in Arts/Science with a minimum of 50% marks in Part I English. *
31	M A in Gandhian Studies	12	Pass in any graduate programme with not less than 45% marks in Part III.*
32	M A in Development Studies	12	

33	M A Economics	16	Pass in any Bachelor's Degree in BA Economics/B.Sc Mathematics/B.Sc Statistics examination of MG University or an equivalent degree of any other universities duly recognized by MG University with not less than 50 % marks in the aggregate for all parts of examination subject. *
34	M A History	20	Bachelor's degree in the faculty of Social Sciences with not less than 45% marks in Part III. *
35	M A Anthropology	20	
36	MA Social work in Disability Studies and Action	20	Pass in any graduate programme
37	MA Gender Studies	15	Bachelor's degree (including professional degrees) with not less than 50 % marks in any discipline of this University or any other University recognized by Mahatma Gandhi University.*
38	MA Counselling	30	A bachelor's degree in any discipline from a recognized University (Minimum percentage of mark not required)
39	MA Lifelong Learning	30	A bachelor's degree in any discipline from a recognized University (Minimum percentage of mark not required)
40	Master of Tourism and Travel Management	20	Bachelor's degree (including professional degrees) with not less than 50% marks in any discipline of this University or any other University recognized by Mahatma Gandhi University. *

41	Master of Education (M Ed) Programme with Specialization in Language Education (English, Hindi, Malayalam, Sanskrit, Arabic), Mathematics, Science, Social Science, Commerce, IT & Computer Science Education	50	B Ed with not less than 55% marks
42	Master of Physical Education and Sports (M.PES)	30	Bachelor degree in physical Education(B.P.E/B.P.E.S/B.P.Ed/D .P.Ed).
43	Master of Law (LLM , 2 year Programme)	20	Pass in LLB or equivalent examination approved by Mahatma Gandhi University with not less than 50% marks
44	BBA LLB (Hons)	50	<p>A candidate who has passed the Higher Secondary or Plus two Examination recognized by the Mahatma Gandhi University or any other examination recognized as equivalent there to and has secured not less than forty five percent of the marks in aggregate. Candidates belonging to Scheduled Castes/Scheduled Tribes (SC/ST) and persons with disability need to secure 40 % of aggregate marks. Candidates belonging to Other Backward Classes (OBC) need to secure 42 % of aggregate marks.</p> <p>The candidate should be below twenty years of age as on 1st July of the Yearconcerned. However candidate belonging to SC/ST and Persons with Disability (PWD) and Other Backward classes (OBC) shall not have crossed 22 years of age as on 1st July of the relevant academic year of admission .</p>

45	Master of Business Administration	60	Graduate in any subject with 50% marks in Part III subjects with valid KMAT/CMAT/CAT score.
46	M. Tech Energy Science & Technology	10	<p>i) MSc in Nano Science and Nano Technology, Physics, Chemistry, Material Science, Polymer Science or an equivalent degree with not less than 50%marks</p> <p>or</p> <p>ii) B.Tech in NanoScience and NanoTechnology or chemical Engineering / Technology or Polymer Engineering / Technology or Electronics and Communication or Bio Technology or Material Science or Mechanical or Civil or an equivalent degree with not less than 50% marks</p>
47	M. Tech in Nanoscience and Technology	10	<p>M.Sc : Physics / Chemistry / Polymer Science / Biotechnology / Nano Science and Nano Technology / Industrial Chemistry / Industrial Physics / Polymer Chemistry / Photonics / Electronics / Energy Science / Renewable Energy / Microbiology / Biochemistry or any other allied subjects.</p> <p>or</p> <p>B.Tech : Chemical Engineering / Mechanical Engineering / Electronics and Communications / Polymer Technology / Biotechnology / Nano Science and Nano Technology / Metallurgy / Engineering Physics / Industrial Chemistry / Architecture / Civil or any other allied subjects</p>
			i. MSc in Nanoscience and Nanotechnology, Physics, Chemistry, Material Science, Polymer science or an equivalent degree with not less than 50% Marks.

48	M. Tech Polymer Science and Engineering	10	ii. B.Tech in Polymer Engineering/Technology or Nanoscience and Nanotechnology or Chemical Engineering/ Technology or Electronics and Communication or Biotechnology or Materials Science or Mechanical, an equivalent degree with not less than 50%
49	M.Tech Polymer Science and Technology	10	B.Tech / BE (in Polymer Science & Technology/ Polymer Engineering / Fiber Science & Technology / Rubber Technology / Plastic Technology / Chemical Engineering / Material Science / Chemical Technology/ Mechanical Engineering / Civil Engineering / Biomedical / Material Engineering / Metallurgy Engineering) from a recognized institution with 55% or equivalent grade OR M.Sc.(in Chemistry / Polymer Chemistry / Applied Chemistry) from a recognized institution with 55% or equivalent grade.
50	Integrated Masters Programmes in Social Sciences	Economics -10, History - 10-, Political Science - 10	Pass in Plus Two with a minimum 60 % marks
51	Five Year Integrated Master of Science Programmes (Chemistry, Physics, Life Sciences, Computer Science and Environmental Science)	30 (6 each for five disciplines)	Pass in Plus Two in Science Stream with minimum 60 % marks. Relaxation in minimum marks for reservation categories shall be applicable as per the rules

* In the case of credit and semester pattern eligibility shall be corresponding grades

CAT- MGU 2023-24: TEntative SCHEDULE

Online Registration	01-02-2023 Onwards
Last Date of Online Submission of Application	02-05-2023
Downloading of Hall ticket	10-05-2023 Onwards
Entrance Examination	20-05-2023 & 21-05-2023
Entrance Result	Date will be announced later.
Interview/G.D/Written Test	Date will be announced by department concerned
Rank List & Admission	Date will be announced later
Commencement of Classes	Same as above
Closing of admission	Same as above
SCHEDULE FOR FOREIGN STUDENT APPLICATION	
online registration	01-02-2023

	CAT MGU 2023 : EXAMINATION CALENDAR
	20.05.2023, Session I 09.00 AM - 11 AM
1	Integrated Masters Programmes in Social Sciences
2	M A Social Work in Disability Studies and Action
3	M A Economics
4	Master of Physical Education and Sports
5	MA Lifelong Learning
6	M.Sc Physics (Specialization in Energy Science)
	Session II 11.30 AM - 1.30 PM
1	B.B.A LLB (Hons)
2	M A Politics & International Relations, M A Politics & Human Rights, M A Politics (Public Policy & Governance) *
3	M.Sc Food Science and Technology
4	M.Sc Computer Science
5	M.Sc Physics
6	Master of Tourism and Travel Management
	Session III 02.30 PM - 04.30 PM
1	Integrated Master of Science (Integrated M.Sc)
2	L.L.M

3	M A English
4	M Sc. Environment Science and Management, M.Sc Environment Science and Disaster Management *
5	M. Tech Energy Science & Technology
6	M. Sc. Statistics, M. Sc. Mathematics *
7	MSc Material Science (Specialization in Energy Science)
21.05.2023, Session I Exam Time 09.00 AM - 11.00 AM	
1	M. Tech Polymer Science and Technology
2	M.Sc Artificial Intelligence and Machine Learning
3	M.Sc Nano Science and Nanotechnology (Physics)
4	M.Ed
5	MA Gender Studies
6	M.Sc Chemistry (Specialization in Energy Science)
Session II Exam Time 11.30 AM - 01.30 PM	
1	M.Sc Psychology
2	MA Gandhian Studies and MA Development Studies
3	M Sc Biochemistry, M Sc Biotechnology, M Sc Microbiology, M Sc Biophysics *
4	M.Tech Nano science & Nanotechnology
5	M.Sc Data Science and Analytics
6	M.Sc Nano Science and Nanotechnology (Chemistry)
Session III Exam Time 02.30 PM - 04.30 PM	
1	M Sc Inorganic Chemistry, M Sc Organic Chemistry, M Sc Physical Chemistry, M Sc Polymer Chemistry *
2	MA History, MA Anthropology*
3	M.Sc Botany and Plant Science Technology

4	MA Malayalam
5	M. Tech Programme in Advanced Polymeric Materials
6	M.Sc Applied Geology
7	MA Counselling

* Considered Cluster of Programmes

Chapter 01

1. General Information

This prospectus provides the vital information regarding the Common Admission Test – 2023 and allied admission procedures for the year 2023.

Candidates are required to read this prospectus carefully so as to make them fully aware of the eligibility criteria & fee structure of each programme, rules/procedures related to Application/Test/Option Registration/ Allotment and all other matters related to Admission 2023.

Candidates are also required to visit the University website www.cat.mgu.ac.in regularly so as to update themselves with the latest notifications, notices, announcements, instructions etc. published in the website.

1.1 This version of the prospectus in English language only shall be considered as authentic in the case of any dispute.

1.2 Any other items not specifically covered in this prospectus will be decided by the Mahatma Gandhi University and the decision shall be final.

1.3 The eligibility of the candidates is not verified at the time of submission of application and it will be verified only during the admissions. Hence, candidates are advised to ensure that they are eligible for the courses they have applied for.

1.4 Appearance of a candidate in the Entrance Examination, or inclusion of a candidate in the rank lists or allotment does not entitle him/her for admission to a Programme, unless the rules

regarding eligibility for admission, as laid down in the Prospectus under various Clauses, are satisfied.

1.5 All candidates shall register through online mode only.

1.6 Mahatma Gandhi University will not entertain any request for change of schedule.

1.7 Candidates applying for various programmes must make sure that they fulfil the minimum eligibility criteria prescribed under the relevant chapter of this Prospectus before filling up the online application.

1.8 The prospectus issued in previous years are not valid for the year 2023. Candidates are required to go through the current prospectus carefully and acquaint themselves with all the relevant information relating to the admission process. They are also requested to visit the website www.cat.mgu.ac.in for notification and announcements.

1.9 Those who are awaiting final semester results of qualifying exam can also apply provided that they should produce certificates and mark list of qualifying exam before the closing date of admission.

* For Med Programme, Candidates who are waiting results of last two semesters of qualifying examination can apply for Entrance examination.

1.10 Admission to MBA programme is not based on the Common Admission Test (CAT 2023) conducted by MG University (MBA admission is based on the score obtained in CMAT/CAT/KMAT, Group Discussion and Interview), there may be difference in the admission schedule specified in this prospectus. So candidates are advised go through the website regularly or contact the department concerned.

1.11 The claims for Mandatory reservation, Bonus marks/Weightage mark at the time of online registration cannot be altered by the candidate under any circumstances. So candidates are advised go through the prospectus carefully before online registration. Only those who make such claims within the time limit prescribed by the University will be considered.

1.12 No Individual call letter/ communications will be sent by post. Candidates must visit the websites www.cat.mgu.ac.in, www.admission.mgu.ac.in on a daily basis and keep themselves updated with the latest news/notification/instruction published therein and are required to adhere strictly to the instructions/directions given therein.

This Prospectus is subject to modification / addition / deletion, as may be deemed necessary by the Mahatma Gandhi University from time to time.

1.2 CAT-MGU and CENTRALIZED ALLOTMENT PROCESS

The admissions based on CAT- MGU will be through a Centralized allotment Process. There will be separate Entrance Tests for the various academic programmes offered in the

different Schools of the University. The candidates need to register only one application (online) for a maximum of programmes of four different schools/departments/centres except MBA in SMBS. However, the candidate need to pay separate application fee for examinations opted from different schools/departments/centres. Students may also see the schedule of examinations for different schools to verify which all programmes may be opted as their choice. A cluster of academic programmes in a School/Department/Centre to which admissions are made based on the single Entrance Test will be reckoned as a single option with a single application fee. The candidate has also to mark his/her preference for the different specializations within the cluster at the time of online registration. In such cases also there will be separate rank lists for the different specialized programmes within the cluster based on the score in the Entrance Test and the preference marked by the candidate at the time of registration.

If a candidate submits more than one application in CAT- MGU his/her candidature is liable to be cancelled. It is a simple and transparent process of allotment which gives the candidate an opportunity to exercise maximum of 4 options of his/her choice conveniently in the order of preference. The allotments will be strictly based on the options exercised, the rank obtained and eligibility for reservations of the candidate (in the case of candidates under Kerala State category).

1.3 General Rules for Admission

1.3.1 All the admissions will be provisional in nature until the candidates submit the original certificates/ documents in proof of academic eligibility before the University authority concerned. If a candidate fails to furnish the relevant certificates on or before the last date announced by the University for the same his/her admission will be cancelled. Candidates awaiting results/appearing for final semester exam can also apply. However, they shall produce the original certificates before the closing date of admission.

1.3.2. For candidates who have passed the qualifying exams under the direct grading system where the grades are calculated on a CGPA out of 4, the grade points of the corresponding percentage of marks will be applicable. And for those whose scores are calculated under the CCPA out of 10 points also, the corresponding percentage of marks will be applicable.

1.3.3 If an applicant for admission is found to have indulged in ragging in the past or if it is noticed later, admissions shall be denied or he/she shall be expelled from the educational institution.

1.3.4. After the Seat Allotment process there will be provision for the admitted students to get transferred from one academic programme to another subject to their eligibility and the University norms in this regard.

1.3.5. An Entrance Test shall be conducted for the selection of candidates. All candidates except foreign students seeking admission, applicants for MBA and applicants for M.Tech with GATE score shall attend the Entrance Test.

1.3.6 The Common Entrance Test is of 120 minutes (2 hours) duration for all the programmes.

1.3.7. In programmes where an interview/Group Discussion/Written Test is conducted for the preparation of final rank list three times the required number of candidates for all categories will be called for interview /Group Discussion/Written Test in the first batch on the basis of their rank in the objective Test. The final rank list will be prepared on the basis of the score in the objective test, interview/Group Discussion/Written Test and adding the eligible bonus marks for NCC/NSS, Ex-Servicemen and the like.

1.3.8. Norms to avoid a tie: The first criteria to avoid a tie would be the score in the Common Admission Test (Objective test) and the second criteria would be age seniority.

1.3.9 Question Pattern; Test Score and time allotted: 80 MCQ with 4 choices for each question; Each correct answer will enable a candidate to score 1 mark; there will be no negative score for incorrect answers.

1.4. How to apply (Not for International Candidates and MBA Programme)

Candidates can register their applications online within the time schedule specified.

The candidate should read carefully the Prospectus and the detailed instructions before submitting the online application. The method of submitting the online application is as follows:

Candidates awaiting results can also apply. They need to furnish the testimonials before the closing date of admission.

Candidates who seek admission should either visit the official portal of the University www.mgu.ac.in and go to the link CAT-MGU 2023 or go directly to www.cat.mgu.ac.in

For admission to MBA go through the website www.admission.mgu.ac.in

For International Students go through the website ucica.mgu.ac.in

Online Registration for admission is a multi-step process. Before starting online registration read CAT MGU Prospectus carefully.

The candidates have to go through the mandatory steps given below for the successful submission of online application.

1.4.1) Online Registration

By clicking **APPLY NOW** tab candidates can initiate the online application process. The candidate should first create an account in the webpage by typing in the required minimum personal details and by creating a password for future login. The password can be a combination of alphabets, numerals and special characters. It should contain at least 1 special character and 1 numeral. **The candidate should remember the password set by him/her and it should not be disclosed to anyone who may misuse it for tampering the options.** The University will not be responsible for any such eventuality.

After the registration process is over click SAVE and CONTINUE, the account is generated the candidate will be shown his/her application number. **This Application Number must be remembered for future login.**

1.4.2) Photo uploading

After the registration process is completed candidates need to upload scanned copy of the recent passport size photograph (below 30kb of file size). The dimensions of the photo should be 200px X 150 px along with the application. The image format can be JPG, JPEG, PNG or GIF.

1. You can either take a new photograph or recent passport size photograph with good quality
2. The picture should be in colour, against light coloured background, preferably white. Look straight at the camera with a relaxed face.
3. Make sure the uploading photograph is straight and not tilted
4. Do not upload selfies, group photos and casual photos
5. Caps, dark glasses are not acceptable. If you wear glasses make sure that there are no reflection and your eyes can be clearly seen.

IF the photo uploaded is not as per the prescribed specification, the application is liable to be rejected.

1.4.3) Entering Personal Details

After photo uploading process complete click on **profile button** submitting reservation/caste, Bonus marks details and click on the continue button to proceed to the next step.

1.4.4) Entering Qualifying Exams Details

By clicking on the QUALIFICATION button select the qualification which you are going to acquire or already acquired and click on the continue button to proceed to the next step.

1.4.5) Course Selection

On the basis of the qualification selected, list of programmes available under CAT will be listed. Candidates can choose for a maximum of programmes of four different Schools/Centres. The eligibility of the candidates is not verified at the time of application and it will be verified only during the admissions. Hence, candidates are advised to ensure that they are eligible for the courses.

1.4.6) Entrance Test Centre

There will be test centres in Thiruvananthapuram, Kottayam, Ernakulam, Kozhikode and Kannur. The applicants can opt a maximum of 3 centres on a preferential basis. However the centres opted by an applicant is only his/her options, actual centre will be allotted by Mahatma Gandhi University which will be final. In most cases the centre opted by the applicant will be allotted. In case the University allot a different Centre either due to preponderance or shortage of applicants, the candidates can either choose the center allotted by the university or claim refund of application fee. The exact venue, date and time of the Entrance Examination will be there in the Hall Ticket which has to be downloaded by the applicant from their home page in the University admission website.

1.4.7) Declaration

In this step Candidates declare that the statements made in the application are true and relevant documents in proof of his/her eligibility will be produced for verification when required.

1.4.8) Registration fee

After selecting the programmes the registration fee has to be paid. The candidate should review all the details of the application furnished by him/her before making payment of registration fee. The registration fee can be remitted by online payment system only. Credit/Debit cards and Internet Banking facilities can be used for making payment. The details of registration fee will be as follows.

For General Candidates: Rs.1200/- (Rupees One thousand and two hundred Only) per each programme/cluster of programmes listed as a single option. (all programmes of a School/Department/Centre for which only one test is required). However, if a candidate opt for different programmes of different schools for which different tests are to be taken, separate fee shall be remitted for each such programmes.

For SC/ST Candidates from Kerala: Rs 600/- (Rupees Six Hundred Only) for each programme/cluster of programmes listed as a single option

After remitting the fee and ensuring the correctness of the application the candidate should click the **Final Submit** button.

Application fee once remitted is not refundable

1.4.9) Print out of the Application Confirmation Document

After completion of the online registration, the candidate should take printout of the **confirmation document** and keep it with himself/herself. **DO NOT SEND HARD COPIES OF THE PRINT OUT OF ONLINE APPLICATION TO THE UNIVERSITY.** The hard copy of the online application with supporting documents should be kept by the candidate and it has to be submitted at the time of admission to respective departments.

Candidates will be provided additional time for data modification (see scheduled the time allotted for final confirmation of application). If required except selected programmes, name and category can be modified at this time. No memo will be sent by post in the case of defective applications.

1.5 Admit Cards:

At the time announced for downloading the admit card by the University, log in to CAT website using application number and password. Candidates can download hall ticket. The exact venue, date and time of the Entrance Examination will be there in the hall ticket.

For more details visit www.cat.mgu.ac.in

For admission related queries Contact- 0481 273 3595 , Mail to cat@mgu.ac.in

For Online Payment related queries : epayhelp@mgu.ac.in, itcellhelp@mgu.ac.in, Ph:

0481 27 33 505, 516, 526,535,550,565,580,626,576, 596

For Payment Refund queries: internalaudit2@mgu.ac.in, Ph: 0481 27 33 609

1.6 അപേക്ഷ സമർപ്പിക്കേണ്ട വിധം

www.cat.mgu.ac.in എന്ന വെബ്സൈറ്റിൽ കൂടി മാത്രമേ ഓൺലൈൻ അപേക്ഷകൾ സമർപ്പിക്കാവൂ. എം.ബി.എ പ്രവേശനത്തിനായി www.admission.mgu.ac.in എന്ന വെബ്സൈറ്റിലൂടെ അപേക്ഷാ നൽകാവുന്നതാണ്. ഓൺലൈൻ അപേക്ഷ സമർപ്പിച്ചതിന് ശേഷം പ്രിന്റ് ചെയ്ത കോപ്പികൾ അപേക്ഷാർത്ഥികൾ സർവ്വകലാശാലയിലേക്ക് അയക്കേണ്ടതില്ല. അപേക്ഷകർ ഓൺലൈനിലൂടെ അപേക്ഷ സമർപ്പണം, ഫീസ് ഒടുക്കൽ, മറ്റ് നടപടിക്രമങ്ങൾ എന്നിവ നിർദ്ദേശിച്ചിട്ടുള്ള തീയതിക്കുള്ളിൽ തന്നെ പൂർത്തിയാക്കണം. ഓൺലൈൻ പരീക്ഷ രജിസ്ട്രേഷൻ ഒന്നിലധികം ഘട്ടങ്ങൾ ഉള്ള പ്രക്രിയ ആണ്. അതിനാൽ അപേക്ഷാർത്ഥികൾ അപേക്ഷാ സമർപ്പണം പൂർത്തീകരിക്കാൻ താഴെ പറയുന്ന ഘട്ടങ്ങൾ വിജയകരമായി പൂർത്തീകരിക്കണം.

1.6.1 രജിസ്ട്രേഷൻ

അപേക്ഷാർത്ഥികൾ **APPLY NOW** ബട്ടണിൽ ക്ലിക്ക് ചെയ്ത് ആവശ്യമായ വിവരങ്ങൾ നൽകുന്നതിനോടൊപ്പം പാസ്സ്‌വേർഡ് സജ്ജീകരിക്കേണ്ടതാണ്. പാസ്സ്‌വേഡിൽ അക്ഷരങ്ങളും, അക്കങ്ങളും, സ്പെഷ്യൽ ക്യാരക്ടറും ഉണ്ടാകണം. അപേക്ഷാർത്ഥികൾ വിവരങ്ങൾ ചോദിക്കുന്ന എല്ലാ കോളങ്ങളും പൂരിപ്പിച്ചതിന് ശേഷം താഴെ കാണുന്ന **Save and Continue** ബട്ടണിൽ ക്ലിക്ക് ചെയ്യുമ്പോൾ, സിസ്റ്റം ജെനറേറ്റ് ചെയ്യുന്ന അപേക്ഷ നമ്പർ ലഭിക്കുന്നതായിരിക്കും. പാസ്‌വേഡും, ലഭിക്കുന്ന അപേക്ഷ നമ്പറും പിന്നീട് വെബ്സൈറ്റിൽ ലോഗിൻ ചെയ്യുന്നതിനായി സൂക്ഷിച്ചുവയ്ക്കേണ്ടതാണ്.

1.6.2 ഫോട്ടോ ചേർക്കൽ

തുടർന്നുവരുന്ന പേജിൽ ഫോട്ടോ അപ്‌ലോഡ് ചെയ്യുന്നതിലേക്കായി Photo എന്ന ബട്ടണിൽ ക്ലിക്ക് ചെയ്ത് ഫോട്ടോ അപ്‌ലോഡ് ചെയ്യാവുന്നതാണ്. അപേക്ഷാർത്ഥികൾ ഫോട്ടോ അപ്‌ലോഡ് ചെയ്യുമ്പോൾ താഴെ പറയുന്ന കാര്യങ്ങൾ ശ്രദ്ധിക്കേണ്ടതുണ്ട്, മുഖവും തോൾ ഭാഗവും കണ്ണും വ്യക്തമായി കാണത്തക്ക വിധത്തിൽ വെളുത്തതോ ഇളം നിറത്തിലോ ഉള്ള പശ്ചാത്തലത്തിൽ എടുത്ത ഫോട്ടോ ആയിരിക്കണം. 200x150 പിക്സലിൽ ഉള്ളതും, 30kb ഫയൽ സൈസിൽ താഴെ ഉള്ളതും JPG, JPEG, PNG, GIF ഇവയിലേതെങ്കിലും ഇമേജ് ഫോർമാറ്റിൽ ഉള്ളതുമായിരിക്കണം. അപ്‌ലോഡ് ചെയ്യുന്ന ഫോട്ടോ ചെരിവ് ഉള്ളതോ ഗ്രൂപ്പ് ഫോട്ടോയോ സെൽഫിയോ ആകാൻ പാടില്ല. അതുപോലെ കറുത്ത കണ്ണാടി വച്ചതോ തൊപ്പി വെച്ചതോ ആയ ഫോട്ടോകൾ അപ്‌ലോഡ് ചെയ്യാൻ പാടില്ല. മേൽ പറയുന്ന രീതികൾക്ക് വിരുദ്ധമായി ഫോട്ടോ അപ്‌ലോഡ് ചെയ്യുന്ന അപേക്ഷകൾ മറ്റ് അറിയിപ്പുകൾ കൂടാതെ നിരസിക്കുന്നതായിരിക്കും.

1.6.3 വ്യക്തിവിവരങ്ങൾ ചേർക്കൽ

Profile ബട്ടണിൽ ക്ലിക്ക് ചെയ്ത് സംവരണ കാറ്റഗറി, ബോണസ് മാർക്ക് ഉൾപ്പെടെ വ്യക്തിവിവരങ്ങൾ ചേർത്തതിന് ശേഷം Continue ബട്ടണിൽ ക്ലിക്ക് ചെയ്ത് അടുത്ത ഘട്ടത്തിലേക്ക് പോകേണ്ടതാണ്.

1.6.4 യോഗ്യത വിവരങ്ങൾ ചേർക്കൽ

Qualification എന്ന ബട്ടണിൽ ക്ലിക്ക് ചെയ്ത് യോഗ്യത സംബന്ധിച്ച വിവരങ്ങൾ നൽകുക. ശേഷം Continue ബട്ടണിൽ ക്ലിക്ക് ചെയ്ത് അടുത്ത ഘട്ടത്തിലേക്ക് പോകേണ്ടതാണ്

1.6.5 പ്രോഗ്രാം തിരഞ്ഞെടുക്കൽ

Programme എന്ന ബട്ടണിൽ ക്ലിക്ക് ചെയ്ത് അപേക്ഷാർത്ഥികൾക്ക് താൽപര്യമുള്ള പ്രോഗ്രാം തിരഞ്ഞെടുക്കാവുന്നതാണ്. പ്രോഗ്രാം തിരഞ്ഞെടുക്കുന്നതിന് മുൻപ് CAT പരീക്ഷയുടെ പ്രോസ്പെക്ടസ് പരിശോധിച്ച് അപേക്ഷ സമർപ്പിക്കാൻ ആഗ്രഹിക്കുന്ന പ്രോഗ്രാമിന് ആവശ്യമായ യോഗ്യത ഉണ്ടോ എന്ന് ഉറപ്പ് വരുത്തേണ്ടതാണ്. വ്യത്യസ്ത പ്രവേശന പരീക്ഷ എഴുതേണ്ടിവരുന്ന വിവിധ പഠന വകുപ്പുകളിലെ പ്രോഗ്രാമുകൾക്ക് ഒരേ അപേക്ഷ ഉപയോഗിക്കാവുന്നതാണ്. ഒരു അപേക്ഷയിൽ പരമാവധി നാല് പ്രോഗ്രാമുകൾക്ക് മാത്രമേ അപേക്ഷിക്കാൻ പാടുള്ളൂ. ഓരോ പ്രോഗ്രാമിനും പ്രത്യേകം അപേക്ഷ ഫീസ് ഒടുക്കേണ്ടതാണ്. എന്നാൽ ഒരു പഠന വകുപ്പിൽ നടത്തുന്ന വ്യത്യസ്ത പ്രോഗ്രാമുകളിലേക്ക് അപേക്ഷിക്കുന്നതിന് ഒരു അപേക്ഷാ ഫീസ് മതിയാകും

1.6.6 പരീക്ഷാ കേന്ദ്രം തിരഞ്ഞെടുക്കൽ

കേരളത്തിനകത്ത് തിരുവനന്തപുരം, കോട്ടയം, എറണാകുളം, കോഴിക്കോട്, കണ്ണൂർ എന്നീ പരീക്ഷാ കേന്ദ്രങ്ങൾ ഏർപ്പെടുത്തിയിരിക്കുന്നു. പരീക്ഷാർത്ഥികൾക്ക് താൽപര്യപ്രകാരം 3 പരീക്ഷ കേന്ദ്രങ്ങൾ വരെ തിരഞ്ഞെടുക്കാവുന്നതാണ്. സാധാരണരീതിയിൽ മുൻഗണനക്രമം അനുസരിച്ചാണ് പരീക്ഷ കേന്ദ്രങ്ങൾ അനുവദിക്കുന്നത്. എന്നാൽ അനുവദിക്കപ്പെട്ട പരീക്ഷ കേന്ദ്രത്തിൽ മതിയായ അപേക്ഷാർത്ഥികൾ ഇല്ലാതിരിക്കുകയോ/ അപേക്ഷാർത്ഥികളുടെ എണ്ണം കൂടുതലാവുകയോ ചെയ്യുന്ന സാഹചര്യത്തിൽ സർവ്വകലാശാലയ്ക്ക് പ്രസ്തുത പരീക്ഷ കേന്ദ്രം റദ്ദ് ചെയ്ത് മറ്റൊരു പരീക്ഷ കേന്ദ്രം അനുവദിക്കുന്നതിനുള്ള അധികാരം ഉണ്ടായിരിക്കുന്നതാണ്. അപ്രകാരം റദ്ദാക്കിയ പരീക്ഷ കേന്ദ്രത്തിലെ പരീക്ഷാർത്ഥികൾക്ക് സർവ്വകലാശാല അനുവദിച്ച മറ്റൊരു പരീക്ഷ കേന്ദ്രത്തിൽ പരീക്ഷ എഴുതുകയോ അടച്ച അപേക്ഷാ ഫീസ് റീഫണ്ടിനായി അപേക്ഷ സമർപ്പിക്കുകയോ ചെയ്യാവുന്നതാണ് .

1.6.7 ഡിക്ലറേഷൻ

Declaration എന്ന ബട്ടണിൽ ക്ലിക്ക് ചെയ്ത് അപേക്ഷാർത്ഥി അപേക്ഷയിൽ രേഖപ്പെടുത്തിയിരിക്കുന്ന വിവരങ്ങൾ ശരിയാണെന്ന് ഡിക്ലയർ ചെയ്യേണ്ടതാണ്.

1.6.8 അപേക്ഷ ഫീസ്

അപേക്ഷ ഫീസ് ഓൺലൈൻ ആയി തന്നെ ഒടുക്കേണ്ടതാണ്. ഓൺലൈൻ ബാങ്കിങ്, ക്രെഡിറ്റ് കാർഡ്, ഡെബിറ്റ് കാർഡ് എന്നിവയിലേതെങ്കിലും ഉപയോഗിച്ച് ഫീസ് അടയ്ക്കേണ്ടതാണ്. ഓഫ്ലൈൻ ആയി ഫീസ് സ്വീകരിക്കുന്നതല്ല.

ജനറൽ വിഭാഗം : 1200/- രൂപ (ആയിരത്തി ഇരുന്നൂറ് രൂപ)

എസ്.സി/ എസ്.റ്റി വിഭാഗം:600/- രൂപ (അറുന്നൂറ് രൂപ)

1.6.9 അപേക്ഷയുടെ പ്രിന്റ് ഔട്ട് എടുക്കൽ

അപേക്ഷാ സമർപ്പണത്തിന് ശേഷം പിന്നീടുള്ള ആവശ്യങ്ങൾക്കായി അപേക്ഷ സമർപ്പിച്ചതിന്റെ വിശദാംശങ്ങൾ ഉൾക്കൊള്ളുന്ന പ്രിന്റ് ഔട്ട് എടുത്ത് എല്ലാ പരീക്ഷാർത്ഥികളും സൂക്ഷിക്കേണ്ടതാണ്.

1.6.10 ശ്രദ്ധിക്കുക, ആവശ്യപ്പെടാത്ത പക്ഷം ഒരു രേഖകളും സർവ്വകലാശാലയിലേക്ക് അയക്കേണ്ടതില്ല. എന്നാൽ സർവ്വകലാശാല നിർദ്ദേശിക്കുന്ന സമയത്ത് യോഗ്യത/ സംവരണ/ ഫീസിലുവിനെ/ ബോണസ് മാർക്കിനെ സംബന്ധിക്കുന്ന അസൽ രേഖകൾ ഹാജരാക്കേണ്ടതാണ്. അല്ലാത്തപക്ഷം മറ്റ് ആനുകൂല്യങ്ങൾക്കും, അഡ്മിഷനുമുള്ള അവസരം നഷ്ടമായേക്കാം. ഇക്കാര്യത്തിലുള്ള പരിപൂർണ്ണ ഉത്തരവാദിത്വം അപേക്ഷാർത്ഥിക്ക് മാത്രമായിരിക്കും. സർവ്വകലാശാലയ്ക്ക് ഇക്കാര്യത്തിൽ യാതൊരുവിധ ഉത്തരവാദിത്വവും ഉണ്ടായിരിക്കുന്നതല്ല.

1.6.11 ഒരാളുടെ അപേക്ഷയിൻ മേലുള്ള തുടർനടപടികളെക്കുറിച്ചുള്ള വിവരങ്ങൾ അപേക്ഷാർത്ഥികളെ നേരിട്ട് അറിയിക്കുന്നതല്ല. സർവ്വകലാശാല വെബ്സൈറ്റിൽ ഇക്കാര്യങ്ങൾ പ്രസിദ്ധീകരിക്കുന്നതായിരിക്കും, പ്രവേശനം ആഗ്രഹിക്കുന്നവർ ഇത് നിരന്തരമായി പരിശോധിക്കേണ്ടതാണ്.

1.6.12 അഡ്മിഷനുമായി ബന്ധപ്പെട്ട അന്വേഷണങ്ങൾക്ക് cat@mgu.ac.in എന്ന ഇ.മെയിൽ അഡ്രസിലേക്ക് മെയിൽ ചെയ്യുകയോ **0481-2733595** എന്ന ഫോൺ നമ്പറിൽ ബന്ധപ്പെടുകയോ ചെയ്യാവുന്നതാണ്.

ഫീസ് പേയ്മെന്റുമായി ബന്ധപ്പെട്ട സംശയങ്ങൾക്ക് :epayhelp@mgu.ac.in,
itcellhelp@mgu.ac.in, Ph: 0481 27 33 596

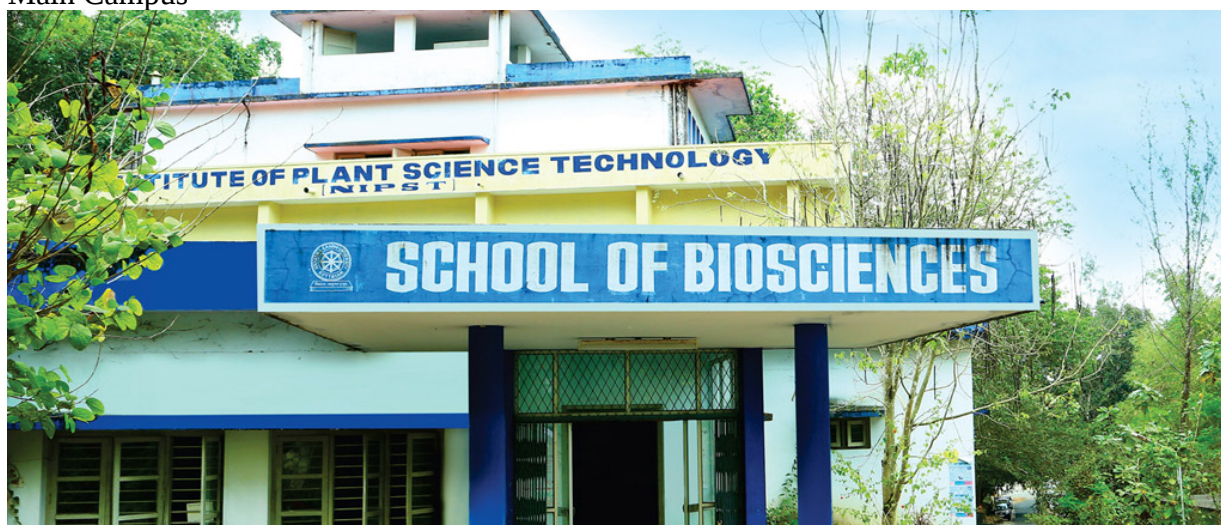
അപേക്ഷ ഫീസ് റീഫണ്ടുമായി ബന്ധപ്പെട്ട സംശയങ്ങൾക്ക്: internalaudit2@mgu.ac.in, Ph: 0481 27 33 609

Chapter 02

Master of Science (MSc.) Programmes

2.1 M Sc in Biochemistry, Biotechnology, Biophysics and Microbiology

School of Biosciences, website: sbs.mgu.ac.in, phone: 0481 273 1035, email bio.sc.office@gmail.com, schoolofbiosciences@mgu.ac.in Mahatma Gandhi University Main Campus



The School of Biosciences (SBS) is focusing on high quality education and training in advanced areas of Life Sciences. The dedicated faculty of the School along with the high quality curriculum provide ideal

platform to shape the younger talents to explore their scientific potential. The Department was established in 1983 as Department of Basic Medical Sciences, as one of the first five Departments of the university; offering M.Sc. Microbiology and B.Sc. MLT. M.Sc. Biochemistry course was later introduced in 1989. The School was renamed as School of Biosciences in 1990. Other M.Sc. programmes like the M.Sc. in Biophysics, M.Sc. in Biotechnology and M.Phil in Biosciences were introduced in 1992.

Admission Criteria: Admission will be solely on the basis of a Rank List Prepared as per the score obtained in the common admission test.

Test Syllabus: Graduate level Biotechnology, Biochemistry, Biophysics and Microbiology.

2.2. M Sc in Chemistry (Organic Chemistry), M Sc in Chemistry (Physical Chemistry), M Sc in Chemistry (Polymer Chemistry) and M Sc in Chemistry (Inorganic Chemistry)

School of Chemical Sciences, website; scs.mgu.ac.in, phone: 0481 273 1036, email: office.scs@gmail.com, office.scs@mgu.ac.in Mahatma Gandhi University Main Campus



The School, since its inception, has been making a steady progress in all spheres of activity and has academic programmes spread in four broad divisions namely; Division of Inorganic Chemistry, Division of Organic Chemistry, Division of Physical Chemistry, and Division of Polymer Science. The MSc programmes provide unique opportunity for the students to take up a research project in any of the National Laboratories or R & D institutes of their choice as part of their fourth semester course. This project work provides excellent exposure and instills confidence in the students, enabling them to make the right choice in their career in science after completing the Masters Programme.

Admission Criteria: Admission will be solely on the basis of a Rank List Prepared as per the score obtained in the common admission test

Test Syllabus: B Sc level Chemistry

2.3. M Sc. in Computer Science

School of Computer Sciences, website:socs.mgu.ac.in, Phone: 0481 273 1037, email: socs@mgu.ac.in Mahatma Gandhi University Main Campus



School of Computer Sciences was founded in 1990 with an objective to meet the increasing demand for high-quality IT Professionals. The School has been able to create a reputation in the field of post-graduate learning and research in frontier areas of Computer Science. The School has produced a good number of well trained IT professionals and Computer Scientists, many of whom are well placed in premier organizations in India and abroad. The School offers Post-Graduate and Research Programmes

Admission Criteria: Admission will be solely on the basis of a Rank List Prepared as per the score obtained in the common admission test (80%) and Interview (20%).

Test Syllabus: Graduate level Computer Science, Logical Reasoning and Numerical Ability. The Admission Test for M.Sc. Computer Science programme comprises of 80 objective type questions in two parts as given below. Part I: Based on Graduate level Computer Science Subjects - 40 Questions; Part II : Based on Logical Reasoning and Numerical Ability - 40 Questions

2.4. M Sc. in Psychology

School of Behavioural Sciences, Website: sobs.mgu.ac.in, Phone: 0481 273 1034, email: sbsmgu@gmail.com, schoolofbehaviouralsciences@mgu.ac.in Mahatma Gandhi University Main Campus



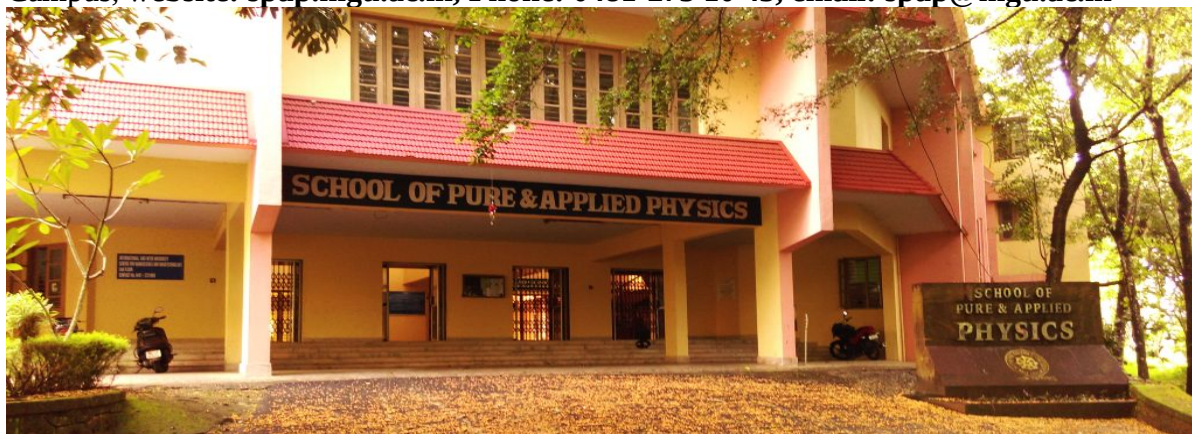
School of Behavioural Sciences, established in 1988 is one of the pioneering institution in the field of Mental Health and Disability Rehabilitation in India. The School of Behavioural Sciences is committed to excellence in teaching and research activities in addition to addressing problems and issues in the field of Disability Rehabilitation with a holistic approach. Academic programmes offered by the institution are mostly inter disciplinary in nature having branches in Behavioural Medicine, Rehabilitation Nursing, Special Education, Psychology, Rehabilitation Sciences and Social work in Disability studies. The Department of Indian Sign Language (ISL) also functions under the aegis of School of Behavioural Sciences for catering to various issues in the field of Disability Studies. The School aims at to bring out Professionals, Researchers and Potential Scholars having holistic view and integrated approach for bringing in cutting edge solutions to the issues in Mental Health and Disability Rehabilitation.

Admission Criteria: Admission will be solely on the basis of a Rank List Prepared as per the score obtained in the common admission test.

Test Syllabus: General English 20%, Basic Mathematics 20%, and BA/BSc level Psychology 60%

2.5. M Sc. in Physics

School of Pure and Applied Physics, Mahatma Gandhi University Main Campus, website: spap.mgu.ac.in, Phone: 0481-273 10 43, email: spap@mgu.ac.in



The School of Pure and Applied Physics was established in 1983 along with the establishment of Mahatma Gandhi University. Within this period of time it has developed into one of the premier research and postgraduate centres of Kerala. UGC has identified the School as a centre of Potential research department through SAP-DRS program and BSR program.

Admission Criteria: Admission will be on the basis of a Rank List Prepared as per the score obtained in the common admission test.

Test Syllabus: B Sc Level Physics including subsidiary Mathematics

2.6 M Sc. in Environment Science & Management; M Sc in Environment Science and Disaster Management

School of Environmental Sciences, Mahatma Gandhi University Main Campus, Website: ses.mgu.ac.in, Phone: 0481 273 2120, email: ses@mgu.ac.in



The School came into existence in 1995 as a Centre of learning in the frontier of areas of environmental sciences. It is one of the premier departments for advanced environmental studies under Mahatma Gandhi University. The major mandate of the school is to develop appropriate technologies and skilled human resources for conservation of nature, pollution prevention, sustainable utilization and management of natural resources for development.

Admission Criteria: Admission will be on the basis of a Rank List Prepared as per the score obtained in the common admission test (80%) and Interview (20%).

Test Syllabus: Environment Science, Biosciences, General Science

2.7 M Sc. Applied Geology

School of Environmental Sciences, Mahatma Gandhi University Main Campus, Website: ses.mgu.ac.in, Phone: 0481 273 2120, email: sesmgu@gmail.com, ses@mgu.ac.in



Earth science education is an integral component of science education. Deciphering records from Earth's past provides the context for comprehending present earth processes. Geology is a branch of earth science that involves the study of minerals, rocks, the Earth's structure, landforms, and the processes that affect them. Investigating historical records, as well as human engagement with present earth processes and resources, is crucial to humanity's and the planet's well-being. Applied geology is concerned with the application of the aforementioned disciplines to economics, engineering, water resource management, environmental issues, climate change, and geology as they relate to human activities.

Admission Criteria: Admission will be on the basis of a Rank List Prepared as per the score obtained in the common admission test (80%) and Interview (20%).

Test Syllabus

Geology (B.Sc Level)

2.8 M.Sc. Mathematics, M.Sc. Statistics

School of Mathematics & Statistics, 4th Floor, Convergence Academia Complex, Mahatma Gandhi University Main Campus, **Phone: 9446560608**, email: sms@mgu.ac.in



The School of Mathematics and Statistics is established for promoting teaching and research in theoretical and applied areas of Mathematical Sciences with interdisciplinary applications. In the emerging data driven world, all decisions and planning are deep rooted in mathematics and statistics. In the present era of increasing thrust on interdisciplinary applications of Mathematical and Statistical Modelling, there is wide scope and potential for postgraduate and research level interdisciplinary programs in these disciplines. One full semester Project Work and Internship are part of each program and will be carried out in reputed industries / national level institutes / universities etc. giving wide exposure for research and on the job training

Admission Criteria: Admission will be solely on the basis of a rank list prepared as per the score obtained in the Common Admission Test.

Test Syllabus: Mathematics (40%), Probability & Statistics (40%), Computing & General Mental Ability (20%).

2.9 M Sc. in Artificial Intelligence and Machine Learning

School of Artificial Intelligence and Robotics , Mahatma Gandhi University
Main Campus, **Phone : 9446 459 644**, email: sair@mgu.ac.in



School of Artificial Intelligence and Robotics was established by the University with a vision to meet the growing demands of trained professionals and scientists in the field of Artificial Intelligence and Robotics. The school also envisions to promote academic research in specialized areas like vision intelligence, speech and language processing, big data analytics and robotics by establishing specialized labs and workstations equipped with, high-end computing and supporting facilities. The M Sc programme in Artificial Intelligence and Machine Learning offered by the School aims to impart theoretical and practical knowledge in the specialized area of Artificial Intelligence and expose students to new, much sought-after skills and up-to-date areas of research. Recent technological advances are incorporated into the programme by developing novel interdisciplinary approaches and subject areas.

Admission Criteria: Admission will be solely based on a Rank List prepared as per the score obtained in the common admission test (80%) and interview (20%).

Test Syllabus: Graduate level Computer Science, Logical Reasoning and Numerical Ability.

Question Pattern: The Admission Test for M. Sc. Artificial Intelligence and Machine Learning programme comprises of 80 objective type questions in two parts. Part I: Based on graduate level Computer Science subjects - 40 questions; Part II: Based on Logical Reasoning and Numerical Ability - 40 questions.

2. 10 M Sc. in NanoScience and Nanotechnology (Physics);

School of Nano Science and Nano Technology, Mahatma Gandhi University
Main Campus, email: snsnt@mgu.ac.in

The academic programs including M. Sc. in Nanoscience and Nanotechnology (Physics) intend to create trained manpower in the emerging as well as inevitable future areas of Nanoscience and Nanotechnology. The knowledge and hands-on expertise acquired from these tailored Masters programs are particularly meant towards a wide scope sustainable development of the environment. Personal scientific growth and exposure would also be accomplished, hand in hand with societal progress. The students will get ample opportunities to interact with international experts and their project works will be carried out for a span of one semester (at least and can be extended further) in well-known, established and specialized laboratories within the country as well as abroad, all of which are expected to promote a research career for the students.

Admission Criteria: Admission will be on the basis of a Rank List Prepared as per the score obtained in the common admission test.

Test Syllabus: B Sc Level Physics including subsidiary Mathematics

2.11 M Sc. in NanoScience and Nanotechnology (Chemistry)

School of Nano Science and Nano Technology, Mahatma Gandhi University
Main Campus, email: snsnt@mgu.ac.in

The academic programs M. Sc. in Nanoscience and Nanotechnology (Chemistry) intend to create trained manpower in the emerging as well as inevitable future areas of Nanoscience and Nanotechnology. The knowledge and hands-on expertise acquired from these tailored Masters programs are particularly meant towards a wide scope sustainable development of the environment. Personal scientific growth and exposure would also be accomplished, hand in hand with societal progress. The students will get ample opportunities to interact with international experts and their project works will be carried out for a span of one semester (at least and can be extended further) in well-known, established and specialized laboratories within the country as well as abroad, all of which are expected to promote a research career for the students.

Admission Criteria: Admission will be solely on the basis of a Rank List Prepared as per the score obtained in the common admission test .

Test Syllabus: B Sc level Chemistry

2.12 M Sc. in Data Science & Analytics

School of Data Analytics, 4th Floor, Convergence Academia Complex Mahatma Gandhi University Main Campus, Phone: 8304870247, email: sda@mgu.ac.in



In the present data driven world all decisions and planning are deep rooted in data analytics and data science. The School of Data Analytics is established to train students in all aspects of Data Science and Data Analytics to meet the demand from scientific and industrial fields as well as business and health. In the new era of increasing thrust on interdisciplinary applications in Statistical Data Analytics and Data Science, there is wide scope and potential for

postgraduate and research level interdisciplinary programs in these disciplines. One full semester Project Work and Internship are part of this program and will be carried out in reputed industries / national level institutes / universities etc. giving wide exposure for research and on the job training

Admission Criteria: Admission will be solely on the basis of a rank list prepared as per the score obtained in the Common Admission Test.

Test Syllabus: Graduate level Mathematics (25%), Statistics (25%), Computer Science (25%), Logical reasoning, General Mental Ability, Numerical Ability (25%).

2.13 M Sc. in Food Science and Technology

School of Food Science and Technology, Mahatma Gandhi University Main Campus, : 9497664697, email: sfst@mgu.ac.in

Food Technology is a science which deals with the techniques and principles involved in processing and preservation of food products. The subject comprises of both science and engineering. In the context of increasing demand for trained manpower and need for further research in the field of food science and technology, Mahatma Gandhi University has proposed to start a new statutory department exclusively for Food Science and Technology. The students will be well equipped to pursue careers in academia or industry with tremendous opportunity for entrepreneurship in the area of Food science and technology. The unique aspect of the programme will be training of students not only in basic aspects of food science but also, in applied areas of nutrition such as development of food products that caters to specific needs of human beings. The school offers post graduate programme in food science and technology

Admission Criteria: Admission will be solely based on a rank list prepared as per the score obtained in the common admission test.

Test Syllabus: B.Sc. Life sciences

2.14 M Sc. in Botany and Plant Science Technology

National Institute of Plant Science Technology (NIPST), Mahatma Gandhi University Main Campus, email: nipstmgu@gmail.com, nipst@mgu.ac.in

National Institute of Plant Science Technology (NIPST) is a unique inter school centre

for advanced education in plant science, promoting research in Interdisciplinary areas of ‘Plants and their Environment Relations’ towards developing ‘Plant-based Eco-technologies’. The Institute will inspire students to apply their creative talents to research potentials of the rich botanical wealth of Kerala in the development of globally significant technologies useful in sustainable agricultural, phyto-medicinal, bio-fuel, bio-based industrial and eco-remediation purposes. Instead of keeping science and technology as watertight compartments in conventional programmes, this institute will enable science students to end up their post-graduation to a productive research on plant-based eco-technology and entrepreneurship based on the technology that they develop. This centre will help students to study and explore the potential plant wealth of the nation; apply creatively and positively plant science for sustainable economic growth of the nation and becoming a leader of eco-technologies in the world. **The MSc programme in Botany and Plant Science Technology** is innovative and unique in the sense that it seeks to create a talent pool of highly competent and motivated applied plant scientists who will be capable of applying their knowledge of plants in cutting edge plant-based technologies useful in sustainable agriculture and phytoremediations or bioremediations of environmental problems.

Admission Criteria: Admission will be solely based on a rank list prepared as per the score obtained in the common admission test .

Test Syllabus : B.Sc. Life science

2.15 M.Sc Physics (Specialization in Energy Science)

School of Energy Materials, Mahatma Gandhi University Main Campus, **email:** sem@mgmu.ac.in



MSc Physics (Specialization in Energy Science) aims to provide systematic knowledge of the subject to the graduates of Physics with specification in modern and job-oriented areas. The syllabus is developed keeping in mind that students should be enabled with problems solving skills by an approach that describes physical phenomena with relevant mathematical models and formulae and thereby equip them to clear national level competitive examinations.

Admission Criteria: Admission will be solely based on a rank list prepared as per the score obtained in the common admission test

Test Syllabus :

Mathematical Methods: Calculus of single and multiple variables, partial derivatives, imperfect and perfect differentials, Taylor expansion, Fourier series. Vector algebra, Vector Calculus, Multiple integrals, Divergence theorem, Green's theorem, Stokes' theorem. First order equations and linear second order differential equations with constant coefficients. Matrices and determinants, Algebra of complex numbers.

Mechanics and General Properties of Matter: Newton's laws of motion and applications, Velocity and acceleration in Cartesian, polar and cylindrical coordinate systems, uniformly rotating frame, centrifugal and Coriolis forces, Motion under a central force, Kepler's laws, Gravitational Law and field, Conservative and non-conservative forces. System of particles, Center of mass, equation of motion of the CM, conservation of linear and angular momentum, conservation of energy, variable mass systems. Elastic and inelastic collisions. Rigid body motion, fixed axis rotations, rotation and translation, moments of Inertia and products of Inertia, parallel and perpendicular axes theorem. Principal moments and axes. Kinematics of moving fluids, equation of continuity, Euler's equation, Bernoulli's theorem.

Oscillations, Waves and Optics: Differential equation for simple harmonic oscillator and its general solution. Superposition of two or more simple harmonic oscillators. Damped and forced oscillators, resonance. Wave equation, traveling and standing waves in one-dimension. Energy density and energy transmission in waves. Group velocity and phase velocity. Sound waves in media. Doppler Effect. Fermat's Principle. General theory of image formation. Thick lens, thin lens and lens combinations. Interference of light, optical path retardation. Fraunhofer diffraction. Rayleigh criterion and resolving power. Diffraction gratings. Polarization: linear, circular and elliptic polarization. Double refraction and optical rotation.

Electricity and Magnetism: Coulomb's law, Gauss's law. Electric field and potential. Electrostatic boundary conditions, Solution of Laplace's equation for simple cases. Conductors, capacitors, dielectrics, dielectric polarization, volume and surface charges, electrostatic energy. Biot-Savart law, Ampere's law, Faraday's law of electromagnetic

induction, Self and mutual inductance. Alternating currents. Simple DC and AC circuits with R,L and C components. Displacement current, Maxwell's equations and plane electromagnetic waves, Poynting's theorem, Lorentz Force and motion of charged particles in electric and magnetic fields.

Kinetic theory, Thermodynamics: Elements of Kinetic theory of gases. Velocity distribution and Equipartition of energy. Specific heat of Mono-, di- and tri-atomic gases. Ideal gas, van- der-Waals gas and equation of state. Mean free path. Laws of thermodynamics. Zeroth law and concept of thermal equilibrium. First law and its consequences. Isothermal and adiabatic processes. Reversible, irreversible and quasi- static processes. Second law and entropy. Carnot cycle. Maxwell's thermodynamic relations and simple applications. Thermodynamic potentials and their applications. Phase transitions and Clausius-Clapeyron equation.

Modern Physics: Inertial frames and Galilean invariance. Postulates of special relativity. Lorentz transformations. Length contraction, time dilation. Relativistic velocity addition theorem, mass energy equivalence. Blackbody radiation, photoelectric effect, Compton effect, Bohr's atomic model, X-rays. Wave-particle duality, Uncertainty principle, the superposition principle, calculation of expectation values, Schrödinger equation and its solution for one, two and three-dimensional boxes. Solution of Schrödinger equation for the one-dimensional harmonic oscillator. Reflection and transmission at a step potential, Pauli exclusion principle. Structure of atomic nucleus, mass and binding energy. Radioactivity and its applications. Laws of radioactive decay.

Solid State Physics, Devices and Electronics: Crystal structure, Bravais lattices and basis. Miller indices. X-ray diffraction and Bragg's law; Intrinsic and extrinsic semiconductors, variation of resistivity with temperature. Fermi level. p-n junction diode, I-V characteristics, Zener diode and its applications, BJT: characteristics in CB, CE, CC modes. Single stage amplifier, two stage R-C coupled amplifiers. Simple Oscillators: Barkhausen condition, sinusoidal oscillators. OPAMP and applications: Inverting and non-inverting amplifier. Boolean algebra: Binary number systems; conversion from one system to another system; binary addition and subtraction. Logic Gates AND, OR, NOT, NAND, NOR exclusive OR; Truth tables; combination of gates; de Morgan's theorem.

2.16 M.Sc Chemistry (Specialization in Energy Science)

School of Energy Materials, Mahatma Gandhi University Main Campus, email: sem@mgu.ac.in



The programme M.Sc. Chemistry (Specialisation in Energy Science) is a highly specialised multidisciplinary course in applied Chemistry. The course will focus on the science and technology related to various energy sectors giving emphasis to the energy science and technology. The course has immense job potential in industries and research organizations working on battery, fuel cell and power generation (hydroelectric, thermal, geothermal, tidal, wind, biofuel and nuclear) in India and abroad. The syllabus of the said program is envisaged to ensure eligibility and equivalency for the new course with that of existing M.Sc. Chemistry program of Mahatma Gandhi University by matching 70 percentage of the syllabus of the new course with that of the M.Sc. Chemistry and the rest 30% on advanced topics in Energy Science.

Admission Criteria: Admission will be solely based on a rank list prepared as per the score obtained in the common admission test

Test Syllabus :

PHYSICAL CHEMISTRY

Basic Mathematical Concepts: Functions; maxima and minima; integrals; ordinary differential equations; vectors and matrices; determinants; elementary statistics and probability theory.

Atomic and Molecular Structure: Fundamental particles; Bohr's theory of hydrogen-like atom; wave-particle duality; uncertainty principle; Schrodinger's wave equation; quantum numbers; shapes of orbitals; Hund's rule and Pauli's exclusion principle; electronic configuration of simple homonuclear diatomic molecules.

Theory of Gases: Equation of state for ideal and non-ideal (van der Waals) gases; Kinetic theory of gases; Maxwell-Boltzmann distribution law; equipartition of energy.

Solid State: Crystals and crystal systems; X-rays; NaCl and KCl structures; close packing; atomic and ionic radii; radius ratio rules; lattice energy; Born-Haber cycle; isomorphism; heat capacity of solids.

Chemical Thermodynamics: Reversible and irreversible processes; first law and its application to ideal and nonideal gases; thermochemistry; second law; entropy and free energy; criteria for spontaneity.

Chemical and Phase Equilibria: Law of mass action; K_p , K_c , K_x and K_n ; effect of temperature on K ; ionic equilibria in solutions; pH and buffer solutions; hydrolysis; solubility product; phase equilibria-phase rule and its application to one-component and two-component systems; colligative properties.

Electrochemistry: Conductance and its applications; transport number; galvanic cells; EMF and free energy; concentration cells with and without transport; polarography; concentration cells with and without transport; Debye-Huckel-Onsager theory of strong electrolytes.

Chemical Kinetics: Reactions of various order; Arrhenius equation; collision theory; transition state theory; chain reactions-normal and branched; enzyme kinetics; photochemical process; catalysis.

Adsorption: Gibbs adsorption equation; adsorption isotherm; types of adsorption; surface area of adsorbents; surface films on liquids.

Spectroscopy: Beer-Lambert law; fundamental concepts of rotational, vibrational, electronic and magnetic resonance spectroscopy.

ORGANIC CHEMISTRY

Basic Concepts in Organic Chemistry and Stereochemistry: Electronic effects (resonance, inductive, hyperconjugation) and steric effects and its applications (acid/base property); optical

isomerism in compounds with and without any stereocenters (allenes, biphenyls); conformation of acyclic systems (substituted ethane/n-propane/n-butane) and cyclic systems (mono- and di-substituted cyclohexanes).

Organic Reaction Mechanism and Synthetic Applications: Chemistry of reactive intermediates (carbocations, carbanions, free radicals, carbenes, nitrenes, benzyne etc.); Hofmann-Curtius-Lossen rearrangement, Wolff rearrangement, Simmons-Smith reaction, Reimer-Tiemann reaction, Michael reaction, Darzens reaction, Wittig reaction and McMurry reaction; Pinacol-pinacolone, Favorskii, benzilic acid rearrangement, dienone-phenol rearrangement, Baeyer-Villiger reaction; oxidation and reduction reactions in organic chemistry; organometallic reagents in organic synthesis (Grignard, organolithium and organocopper); Diels-Alder, electrocyclic and sigmatropic reactions; functional group inter-conversions and structural problems using chemical reactions.

Qualitative Organic Analysis: Identification of functional groups by chemical tests; elementary UV, IR and ¹H NMR spectroscopic techniques as tools for structural elucidation.

Natural Products Chemistry: Chemistry of alkaloids, steroids, terpenes, carbohydrates, amino acids, peptides and nucleic acids.

Aromatic and Heterocyclic Chemistry: Monocyclic, bicyclic and tricyclic aromatic hydrocarbons, and monocyclic compounds with one hetero atom: synthesis, reactivity and properties.

INORGANIC CHEMISTRY

Periodic Table: Periodic classification of elements and periodicity in properties; general methods of isolation and purification of elements.

Chemical Bonding and Shapes of Compounds: Types of bonding; VSEPR theory and shapes of molecules; hybridization; dipole moment; ionic solids; structure of NaCl, CsCl, diamond and graphite; lattice energy.

Main Group Elements (s and p blocks): General concepts on group relationships and gradation in properties; structure of electron deficient compounds involving main group elements.

Transition Metals (d block): Characteristics of 3d elements; oxide, hydroxide and salts of first row metals; coordination complexes: structure, isomerism, reaction mechanism and electronic spectra; VB, MO and Crystal Field theoretical approaches for structure, color and magnetic properties of metal complexes; organometallic compounds having ligands with back bonding capabilities such as metal carbonyls, carbenes, nitrosyls and metallocenes; homogeneous catalysis.

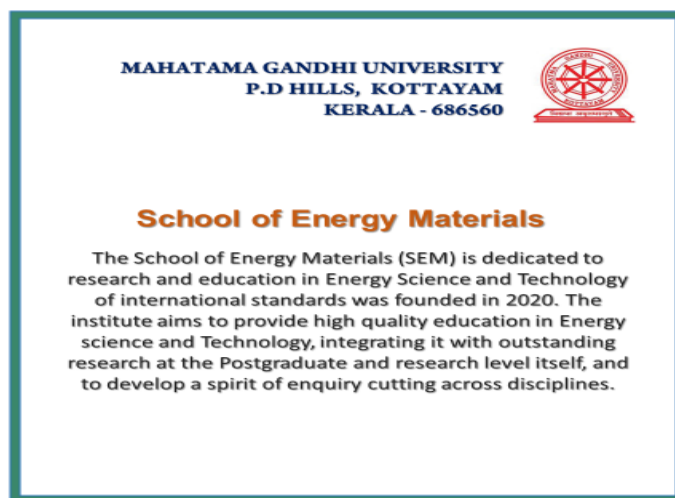
Bioinorganic Chemistry: Essentials and trace elements of life; basic reactions in the biological systems and the role of metal ions, especially Fe^{2+} , Fe^{3+} , Cu^{2+} and Zn^{2+} ; structure and function of hemoglobin and myoglobin and carbonic anhydrase.

Instrumental Methods of Analysis: Basic principles; instrumentations and simple applications of conductometry, potentiometry and UV-vis spectrophotometry; analysis of water, air and soil samples.

Analytical Chemistry: Principles of qualitative and quantitative analysis; acid-base, oxidation-reduction and complexometric titrations using EDTA; precipitation reactions; use of indicators; use of organic reagents in inorganic analysis; radioactivity; nuclear reactions; applications of isotopes.

2.17 M.Sc Material Science (Specialization in Energy Science)

School of Energy Materials, Mahatma Gandhi University Main Campus, email: sem@mgu.ac.in



New materials underpin development and progress across a wide variety of sectors. New technologies, from planes to batteries, from hip implants to electronic devices, are made possible, and often limited by, the materials we currently know and use. Materials Scientists and Engineers work hard to understand how and why materials behave the way they do, and exploit this knowledge to develop new materials with amazing properties.

Studying Materials Science (Specialization in Energy Science), you will develop a fundamental understanding of how the properties of a material, such as strength, electronic properties and biocompatibility, are affected by the material's structure, such as its crystal structure or microstructure and used to formulate strategies to develop new energy materials

This programme will equip you with the skills required to join a wide variety of industries in the capacity of materials specialist, or continue your education at a PhD level.

Admission Criteria: Admission will be solely based on a rank list prepared as per the score obtained in the common admission test

Test Syllabus : Section 1: Processing of Materials:

Powder synthesis, sintering, chemical methods, crystal growth techniques, zone refining, preparation of nanoparticles and thin films

Section 2: Nanomaterials and Characterisation Techniques:

Definition of Nanomaterials, Classification of Nanomaterials, Synthesis of Nanomaterials, X-ray diffraction, Bragg's law, space lattice, UV- Visible Spectroscopy, Infrared Spectroscopy, Fourier transform infrared Spectroscopy, Raman Spectroscopy, Optical and Electron microscopy

Section 3: Structure and Imperfections:

Crystal symmetry, point groups, space groups, indices of planes, close packing in solids, bonding in materials, coordination and radius ratio concepts, point defects, dislocations, grainboundaries, surface energy and equilibrium shapes of crystals

Section 4: Thermodynamics and Kinetics:

Phase rule, phase diagrams, solid solutions, basic heat treatment of metals, solidification and phase transformations, Fick's laws of diffusion, mechanisms of diffusion, and temperature dependence of diffusivity

Section 5: Properties of Materials:

Mechanical Properties: Stress-strain response of metallic, ceramic and polymer materials, yield strength, tensile strength and modulus of elasticity, toughness, plastic deformation, fatigue, creep and fracture

Electronic Properties: Free electron theory, Fermi energy, density of states, elements of band theory, semiconductors, Hall effect, dielectric behaviour, piezo, ferro, pyroelectric materials

Magnetic Properties: Origin of magnetism in metallic and ceramic materials, paramagnetism, diamagnetism, ferro and ferrimagnetism

Thermal Properties: Specific heat, thermal conductivity and thermal expansion, thermoelectricity

Optical Properties: Refractive index, absorption and transmission of electromagnetic radiation in solids, electrooptic and magnetooptic materials, spontaneous and stimulated emission, gas and solid state lasers

Section 6: Material types

Concept of amorphous, single crystals and polycrystalline materials, crystallinity and its effect on physical properties, metal, ceramic, polymers, classification of polymers, polymerization, structure and properties, additives for polymer products, processing and applications, effect of environment on materials, composites

Section 7: Environmental Degradation

Corrosion, oxidation and prevention

Section 8: Elements of Quantum Mechanics and Mathematics

Basics of quantum mechanics, quantum mechanical treatment of electrical, optical and thermal properties of materials, analytical solid geometry, differentiation and integration, differential equations, vectors and tensors, matrices, Fourier series, complex analysis, probability and statistics.

Chapter 03

Master of Arts (MA) Programmes

3.1 M A Politics and International Relations (programme 1); M A Politics and Human Rights (programme 2); M A Politics - Public Policy and Governance (programme 3)



School of International Relations and Politics, Mahatma Gandhi University Main Campus, website: www.sirp.mgu.ac.in, Tel: 0481 271040, e.mail: sirpmguniversity@gmail.com, sirp@mgu.ac.in

The teaching-learning process at School of International Relations and Politics is shaped by a view of higher education as a process of developing a critical faculty on questions of polity, governance, culture, economy and international society so that the students will become involved learners. The School provides wide-ranging opportunities for students and faculty to interact with each other as persons, to learn from each other in a cooperative community, an important aspect of which is collaborative student/faculty research.

Admission Criteria: Admission will be solely on the basis of a rank list prepared as per the score obtained in the Common Admission Test.

Test Syllabus: International affairs, contemporary politics and public policy, current affairs, Indian Constitution, political and economic issues in India /Kerala, and Human Rights issues.

3.2. M A in Malayalam; M A in English

School of Letters, Mahatma Gandhi University Main Campus, **Website:** sol.mgu.ac.in, **Phone:** 0481 273 1041, **email :** schoolofletters@mgu.ac.in



In the domain of language and literature, the School of Letters offers interdisciplinary areas of specialization such as comparative literature, literary/cultural theory, theatre/performance studies, translation studies, women's writing and cinema studies.

Admission Criteria: Admission will be on the basis of a Rank List Prepared as per the score obtained in the following categories

Common Admission Test : 80 Mark (marks scored will be converted into out of 50 Mark taking upto 2 decimal places)

Descriptive Test : 40 Mark

Interview : 10 Mark

Total : 100 Mark

Test Syllabus: English Language and Literature at B A Level for M A in English and Malayalam Language and Literature at B A Level for M A in Malayalam

3.3. M A in Gandhian Studies; M A in Development Studies

School of Gandhian Thought and Development Studies,
Mahatma Gandhi University Main Campus, website: sgtds.mgu.ac.in, Tel: 0481-2731039, e-mail: sgtdsmgu@gmail.com, sgtds@mgu.ac.in



The School of Gandhian Thought and Development Studies was set up in 1983 as one of the founding departments of Mahatma Gandhi University. The School has been selected by the UGC for Special Assistance Programme (SAP).

Admission Criteria: Admission will be solely on the basis of a rank list prepared as per the score obtained in the Common Admission Test.

Test Syllabus: The question paper will have two components. The first one would be with questions related to the field of Gandhian Studies/ Development Studies while the second part will cover a cross-section of all the Social Science disciplines

3.4 M A Economics

K.N. Raj Study Centre for Planning and Centre-State Financial Relations, Mahatma Gandhi University Main Campus, website: knrc.org.in, email: knrajcentremgu@yahoo.com, knrajschool@mgu.ac.in Ph: 9447 85 4270



Dr. KN Raj Study Centre for Planning & Centre- State Financial Relations was established in 2012. Named after Prof.KN Raj in honour of, and to perpetuate the memory of the late Prof.K.N.Raj, a highly esteemed Indian economist of post-independent generation and a great institution builder, the Centre is a befitting tribute to this renowned economist whose contributions to India's development economics and planning are profound and enduring. The institution of the Centre with a focus on Planning and Centre-State Financial Relations has special significance.

Admission Criteria: Admission will be on the basis of a Rank List Prepared as per the score obtained in the common admission test.

Test Syllabus: Out of the total 80 MCQ, 20 questions will to test candidate's General Knowledge/Awareness and the remaining 60 questions will cover the following areas: Microeconomics, Macroeconomics, Development Economics, Banking, International Trade, Public Economics and Quantitative Theory for Economics at the Graduate level.

3.5 MA in History (programme 1); M A in Anthropology (programme 2);

School of Social Sciences, Mahatma Gandhi University Pullarikkunnu, Campus,website:sss.mgu.ac.in,Phone:04812392383,Email:sss@mgu.ac.in,sssmgu@gmail.com



School of Social Sciences provides interdisciplinary higher learning in areas like, socio-linguistic philosophy, political sociology, political economy, ethnography, economic anthropology, social history, social theory, social empowerment and transformation research and human ecology. The interdisciplinary structure, composition and academic practice of the school have enabled it in securing several international recognitions

Admission Criteria: Admission will be on the basis of a Rank List Prepared as per the score obtained in the Common Admission Test.

Test Syllabus: B A level History for M A in History and BA level Anthropology for M A in Anthropology

3.6 MA Social Work in Disability Studies and Action

(Rehabilitation Council of India, New Delhi Approved Programme)

School of Behavioural Sciences, Website : sobs.mgu.ac.in, Phone: 0481 273

1034, email : sbsmgu@gmail.com, schoolofbehaviouralsciences@mgu.ac.in Mahatma Gandhi University Main Campus



School of Behavioural Sciences, established in 1988 is one of the pioneering institution in the field of Mental Health and Disability Rehabilitation in India. The School of Behavioural Sciences is committed to excellence in teaching and research activities in addition to addressing problems and issues in the field of Disability Rehabilitation with a holistic approach. Academic programmes offered by the institution are mostly inter disciplinary in nature having branches in Behavioural Medicine, Rehabilitation Nursing, Special Education, Psychology, Rehabilitation Sciences and Social work in Disability studies. The Department of Indian Sign Language (ISL) also functions under the aegis of School of Behavioural Sciences for catering to various issues in the field of Disability Studies. The School aims at to bring out Professionals, Researchers and Potential Scholars having holistic view and integrated approach for bringing in cutting edge solutions to the issues in Mental Health and Disability Rehabilitation. Mahatma Gandhi University is very much privileged to announce that School of Behavioural Sciences is the one and the only University School in the country which offers the course ‘Social work in Disability Studies’ approved by the Rehabilitation Council of India (RCI).

Admission Criteria: Admission will be on the basis of a Rank List Prepared as per the score obtained in the following categories.

Common Admission Test	: 80 Marks
Written Test	: 20 Marks
Interview	: 90 Marks
Bio Sketch	: Maximum 10 Marks
Total	: 200 Marks

1. Syllabus for CAT Entrance Examination: General Knowledge, Indian society, economy and polity.

2. Test Syllabus for Written Test conduct in department concerned: Written Test will be conducted to test the knowledge of the candidate in areas like Indian Society, Economy, Polity, General Knowledge and the candidate's comprehension ability. Candidates are also required to write an essay of 1500 words on contemporary social developments issues choosing one subject out of three choices given.

3. Interview: The personal interview is intended to test the candidate's interest and aptitude for social work in the field of Disability studies. Candidates will be interviewed on the basis of the details mentioned in the application submitted. The candidates are expected to be acquainted with the programme as questions may be asked on this topic during the personal interview. The personal interview also evaluates the candidate's knowledge in the area of social work and disability studies.

4. Bio- Sketch: General reservation rules applicable for admission to Post Graduates degree programme at the regular University Departments shall be followed while admitting candidates from the rank list. Besides this, there will be weightage of score for applicants based on the following grounds.

Familial Background of Disability (7.5 Scores)

Employment/Work Experience in a recognized institution for persons with disabilities. (One score for one year; up to maximum of 10 scores.)

The candidates with challenges as per RPWD Act 2016 (10 score)

Educational Qualifications in the field of Disability studies and Special Education.

The details regarding award of weightage can be had from the Website: sobs.mgu.ac.in

3.7 MA Gender Studies

School of Gender Studies, Phone: 9868 41 31 41, email : sgs@mgu.ac.in, Mahatma Gandhi University Main Campus

The Master of Arts in Gender Studies is a flagship programme of the School of Gender Studies, MGU which seeks to amalgamate rigorous theoretical explorations on gender with meaningful, actionable feminist practice. The programme offers future change makers a holistic educational experience that will engage them in learning and critiquing interdisciplinary texts and perspectives to make critical interventions in theory, policy and practice. The programme will provide students with an in-depth knowledge of the epistemological, conceptual, legal and empirical contexts in which gendered inequalities and power dynamics are produced and enacted. The programme aims to also challenge pedagogical inertia with syllabi that combine gender-centred core courses with

multidisciplinary foundational courses and an evolving basket of innovative electives that will bring in practitioners, thinkers and activists engaging in gender issues in various institutional contexts in local, regional and global frameworks. The programme also emphasises an introduction to research methods that will help the students chart unique pathways and perspectives on gender in their future endeavours.

Objectives

The MA in Gender Studies aims to provide students with an opportunity

- to critically understand the theoretical and ethical concerns of gender, identity and sexuality in multidisciplinary contexts
- to create an inclusive pedagogical space where students can engage in learning conceptual categories that feminist and queer theory offers while also critiquing the various marginalities produced by inequalities of class, caste, race, religion, disability and sexuality.
- to apply gender theory to ongoing and emerging discussions in policy, planning and practice with an interdisciplinary approach and to contribute to contemporary feminist and queer political movements and projects.
- to develop skills in feminist and queer research and documentation to make transformations in various organizational and institutional contexts.

Future Opportunities

Students upon successful completion of this course will be equipped for professional careers in diverse fields. They can incorporate their studies on gender in academia as researchers and educators. The students will also find the courses on gender, culture and visual studies beneficial for a career in journalism, media and filmmaking. The action-oriented and field-based components of the courses offered in the programme will hold them in good stead in future employment as development workers and activists in NGOs and the development sector. The specific core and electives which focus on the intersections of gender and law, health, environment and international politics will prepare students for work in civil, political and administrative functions of the government departments in national, regional and international organisations working on women and gender issues. Most importantly the programme will help students in their personal evolution as responsible citizens of the world who can form meaningful connections with thinkers, movements, and activists across social divides.

Admission Criteria : Admission will be on the basis of a Rank List Prepared as per the score obtained in the common admission test (80%) and Interview (20%).

Test Syllabus : Current Affairs, Human Rights And Gender Rights, Gender And Sexuality Studies, Constitution Of India, General Knowledge, Basic Concepts And Theories In Social Science, Feminist Theories, Basic Research Methodology, Globalisation And Gendered Labour, Literature And Gender, Reproductive Justice, Environmental Issues, International Relations.

3.8 MA Counselling

DEPARTMENT OF LIFELONG LEARNING AND EXTENSION, Website www.dlle.mgu.ac.in
Phone: 8301000560, **Email :** dlle@mgu.ac.in, mgulifelong@gmail.com Mahatma Gandhi
University Main Campus.



The MA counselling is designed to train students to develop the required essential professional knowledge, understanding, skills and competencies in the counselling field. The programme will help to mould the students to understand the basic foundations of human behaviour, adjustment mechanisms and adaptive functions of human behaviour and mental health issues. The programme help students to learn competencies like interview the client, understand the adaptive and maladaptive functions of behaviour, help to function effectively with appropriate strategies in the helping process. This programme is also helping the students to use appropriate tests in the counselling setting.

Admission Criteria : Admission will be on the basis of a Rank List Prepared as per the score obtained in the common admission test.

Test Syllabus :

i) INTRODUCTION TO PSYCHOLOGY

Branches of psychology –Psychology –Past, present and future, Biological understanding of behaviour – Neuron – Elements of behaviour – structure of neuron Firing the neuron – Neuron transmitters, The nerves system – Central and peripheral nerve system – Autonomic nerve system – The brain – structure, function, Endocrine system – chemicals and glands. Seeing the world around – Vision, hearing, sensing the sound, balance, smell and taste, touch, pressure, temperature, pain, Perceptual organization – The Gestalt law of organization – Focusing on the parts of the whole – perceptual constancy, depth perception, motion perception, perceptual illusions.

ii) LEARNING

Theories of learning- Classical conditioning, operant conditioning, Remembering and Forgetting – Encoding – Storage and retrieval – Three systems of memory – Memory storage and levels of processing – Recalling long term memories – Forgetting Thinking and reasoning – problem solving – Understanding and diagnosing problems– Language – influence of language on thinking.

iii) INTELLIGENCE

Measuring intelligence – variations in intellectual ability – Individual differences in intelligence – Heredity and Environmental determinants.

iv) MOTIVATION AND EMOTION

Maslow's hierarchy of needs – Human needs and motivation – Needs for achievement striving for success – needs for affiliation – need for power Theories of emotion: The James – Lange theory, The Cannon – Bard theory, TheSchechter – Singer theory.

v) DEVELOPMENTAL PSYCHOLOGY

History and methods of developmental psychology-Specific Determinants of Development: Ecology- Heridity- Environment- family and the community- Theories of Human Development:

Psycho Dynamic Theories- Behaviourist Theories – Social Learning Theories- Cognitive Theories- Humanistic Theories- Developmental principles- Stages of Development-Prenatal Development and Pregnancy: Stages of prenatal development- stages of labour- Birth Difficulties.

Vi) RECENT TRENDS IN COUNSELING PROCESS

Role of emotions in counseling – Postmodern trends – Brief counseling approaches – Brief solution focused counseling – Narrative counseling.

Vii) ETHICAL AND PROFESSIONAL ISSUES IN COUNSELING

Ethical and professional issues – Common problems of beginning counselors – Knowledge – attitude – practice – values and counseling – Current status of counseling with special reference to Kerala

Viii) PERSONALITY

Definition and Nature-structure of personality- Traits and Type-Factors contributing to personality development- Theories of personality: Sigmund Freud, Erik Erikson, Abraham Maslow, Albert Bandura, William Sheldon

ix) CHILD HOOD DISABILITIES

Orientation of the following disabilities, neuro developmental and neuro cognitive disorders: Mental Retardation – Learning disabilities – Speech and hearing handicap- visually handicap- Orthopaedic handicap- cerebral palsy- Autism – AD/HD.

X) MOOD (AFFECTIVE) DISORDERS

Manic Episode- Hypomania- Mania without psychotic symptoms- Mania with psychotic symptoms- Bipolar affective disorder- Bipolar affective disorder -current episode manic without psychotic

symptoms- Bipolar affective disorder-current episode mild or moderate depression- Bipolar affective disorder-current episode severe depression without psychotic symptoms- Bipolar affective disorder-current episode mixed- Bipolar affective disorder, currently in remission.

3.9 MA Life Long Learning

DEPARTMENT OF LIFELONG LEARNING AND EXTENSION, Website www.dlle.mgu.ac.in
Phone: 8301000560, **Email :** dlle@mgu.ac.in, mgulifelong@gmail.com Mahatma Gandhi University Main Campus.



Master of Arts in Lifelong Learning is an innovative programme which provides the set up for bringing the real world of work in to classroom and gives the opportunities to learner directly involved in development process in community. It would learners a wider and more comprehensive understanding of lifelong learning as a field of knowledge and would accommodate a wide variety of learners' needs. It is emphasized on knowledge generation process and provide the suitable learning culture to the capabilities enhancement for lifetime and generating social capital. The M.A. Lifelong Learning programme aims at producing the well-trained individuals knowledgeable in Lifelong Learning and its various dimensions; more specifically, the M.A. Lifelong Learning programme intends to: Provide essential skills training which will be enable students to develop the setup for Lifelong Learning center as the learning services for community.

To develop an understanding of Knowledge structure and functions of Lifelong Learning

To equip students with the pedagogy of Lifelong Learning.

Admission Criteria : Admission will be on the basis of a Rank List Prepared as per the score obtained in the common admission test.

Test Syllabus :

i) MEANING AND CONCEPTS OF LIFELONG LEARNING

Historical Perspective of Adult and Lifelong Learning in India

Concepts and terminologies related to Lifelong Learning: Andragogy & Pedagogy, Lifelong Learning, Continuing Education, Formal-Education, Non-Formal Education, Incidental Learning, Illiteracy and its forms

Indian Adult / Lifelong Learning Programmes: Social Education, Gram Shiksha Mohim, Farmer's Functional Literacy Programme, National Adult Education Programme and National Literacy Mission.

ii) NON-FORMAL EDUCATION

Meaning, Definition, Scope, Importance, and Objectives of Non-Formal Education
Formal Education, Informal Education, and Non-Formal Education; Role of Non-Formal Education in Universalisation of Education, Non - Formal Education as an alternative to Formal Education,

Concepts and definition of the following - Continuing Education, Distance Education, Correspondence Courses, Open Schooling, Open University, Lifelong Learning –Alternatives in Education

Philosophical, Sociological and Spiritual basis of Non-Formal Education

III) DEVELOPMENT, EXTENSION AND APPROACHES

Lifelong Learning and Development

Social, Economic, Political and Cultural - Extension Education, Field Outreach and Community engagement in Lifelong Learning

Approaches to Continuing Education / Lifelong Learning in different Five-year

Plans.

iv)NEED AND FUTURE PERSPECTIVES

Emerging needs and future perspectives of Lifelong Learning

Role of NGOs and District Saksharta Samitis

UNESCO declaration of Adult and Lifelong Learning

Hamburg Declaration (1997)

Mumbai Declaration on Role of Higher Education

Bharat GyanVigyan Jatha and Literacy House.

V) GLOBAL TRENDS AND INTERVENTIONS

Thinkers on Non formal education - Rousseau, John Dewey, Paulo Freire, Welthy Fisher, N.F.S.Grund Wig, Ivan Illich, Everet Reimer, John Holt, Paul Goodman, Ivan Lister, Charls Silverman

Trends of Adult & Lifelong Learning in Asia with focus on SAARC Countries
Adult & Lifelong learning in developing and developed countries: Tanzania, Brazil, China, USA and Canada

Current Initiatives at National Level Saakshar Bharat and International Level
UNLD-2003-2012

Literacy Initiatives for Empowerment 2005- 2020, E-9 countries

VI) INDIAN TRADITIONAL PERSPECTIVES OF LIFELONG LEARNING

Vedic Approaches of Lifelong Learning

Patanjali's form of Intuition for Lifelong Learning

Budha's Model of Lifelong Learning

Bhakti Movement and Lifelong Learning

Gandhiji's Nai Talim

Thoughts on LLL- Swami Vivekanand, Arvind Ghosh, Rabindranath Tagore,
Mahatma Jyotirao Phule, Dr. B.R. Ambedkar, J.P. Naik, Jiddu Krishnamoorthy

VII) HISTORICAL DEVELOPMENT OF LIFELONG LEARNING

Modern Period of Lifelong Learning (1919 Year to Age)

Implementation-Modern Maturity (1960 Year to Century Era)

From Lifelong Education to Lifelong Learning
Recurrent Education to Lifelong Learning
Indian Adult Education Association,
Lucknow Literacy House,
Kerala Gradhasala Sangham,
Kerala Association for Non-Formal Education and Development,
Kerala Sastra Sahithya Parishad, NCERT

VIII) POLICIES OF LIFELONG LEARNING

The European Union and Lifelong Learning Policy
The World Bank's view of Lifelong Learning Policy
The OECD's Lifelong Learning Policy
UNESCO's Drive for Lifelong Learning.
UNESCO's Delhi Declarations, December 1993
Adult Education and Lifelong Learning Policy in India

IX) LIFELONG LEARNING PLANNING AND PROGRAMMES IN INDIA

Night Schools, Social Reform Movements
Social Education
Farmers Education and Functional Literacy Programme
Shramik Vidyapeeths
National Adult Education Programme
Mass Programme of Functional Literacy
Total Literacy Campaigns
Continuing Education
Jan Shikshan Santhans (JSS)
Training of Rural Youth for Self-Employment (TRYSEM)
Support to Training and Employment Programmes for women (STEP)
Condensed courses of education and vocational training programmed for women

Chapter 04

4. Postgraduate Programme in Tourism and Travel Management: Master of Tourism and Travel Management

School of Tourism Studies, Mahatma Gandhi University Main Campus, website: sts.mgu.ac.in, Phone: 0481-2732922, sts@mgu.ac.in



The School of Tourism Studies established in 2010 is envisaged as a Centre of Higher Learning in the fast growing areas of Tourism and Hospitality. The school was founded with an objective to generate skilled personnel with abroad range of applied, technical, interpersonal, analytical and communication skills in tourism leadership. It integrates teaching, research and strong industry expertise for the sustainable development of the tourism industry. The School maintains a well equipped library, digital class rooms, Language Lab and e-Tourism Lab which ensure dynamic learning experience.

Admission Criteria: Admission will be on the basis of a Rank List Prepared as per the score obtained in the common admission test.

Test Syllabus: The MCQ exam will carry objective type questions for 80 marks, i.e., English Language (30 marks), General Knowledge and Current affairs (30 marks), and Travel Geography (20 marks).

Chapter 05

5. Postgraduate Programme in Education: Master of Education (M Ed)

School of Pedagogical Sciences, Mahatma Gandhi University Main Campus, website: sps.mgu.ac.in, Phone: 0481-2731042, E-mail: spsmgudir@gmail.com, sps@mgu.ac.in



The school was established in 1992 with the objective of promoting a global Perspective of education placing new demands on learning, envisaging a wide spectrum of cognitive and reflective empowerment to students and to develop uniquely suited teacher education to attain a

level of excellence. The M.Ed. Programme at the School offers specializations in the optional subjects English, Malayalam, Hindi, Sanskrit, Arabic, Mathematics, Sciences, Social Sciences, Commerce as well as IT and Computer Science.

Admission Criteria: Admission will be on the basis of a Rank List Prepared as per the score obtained in the common admission test.

Test Syllabus: The MCQ exam will carry objective type questions for 80 marks in the subject field of Education

Chapter 06

Master of Physical Education and Sports (M.PES)

School of Physical Education and Sports Sciences: Mahatma Gandhi University Main Campus, spess.mgu.ac.in, Phone: 0481-2732368, email: spessmgu123@gmail.com, spess@mgu.ac.in



MPES is a two year duration postgraduate course in physical education. Physical education is a domain concerned with sports related activities and deals with subjects such as sports science, sports research methodology, sports medicine, exercise physiology etc. The postgraduate programme in physical education acquaints with dynamics of sports activities and offer them professional training as well as knowledge about fitness in sports. The course also enables students to enhance their skills in the respective field. Admission to MPES programme is provided on the basis of candidates performance in the entrance exam followed by a practical/physical fitness test conducted by the department of physical education. The programme offers a wide variety of opportunities in the field of teaching, coaching and fitness. On completion of the programme they can join schools, colleges and universities based on their merit and educational aptitude. The career choices are plenty including that of an athletic trainer, recreational worker, Health educator, exercise management and fitness specialist.

Admission Criteria: Admission will be solely based on a Rank List prepared as per the score obtained in the common admission test (80%) and Sports Merit Certificate (20%).

Eligible candidates should bring duly certified Medical Certificate (Fitness Certificate) at the time of Physical fitness test. Format for Medical Certificate can be downloaded from the website www.cat.mgu.ac.in.

Candidates should be physically fit for daily heavy load of physical activities and should not have any physical deformity or mental disability.

Compulsory test under CAT : Test Syllabus : CAT written exam for admission to MPES will be based on the syllabus of BPED,/BPES/ BPE

Chapter 07

Postgraduate programme in Law & BBA LLB (Hons)

7.1 Master of Law and Legal Studies (LLM) (2 Year Programme)

School of Indian Legal Thought: Mahatma Gandhi University, Suryakalady Campus, silt.mgu.ac.in, Phone: 0481-2310165,2312868, e-mail: mgusilt@gmail.com, silt@mgu.ac.in



School of Indian Legal Thought, Mahatma Gandhi University, was established in 1989 to impart an integrated legal education with unique programmes for Under-Graduate, Post-Graduate and Research levels. One of the major objectives of the School is to undertake systematic research and study of law with a dynamic curriculum that is constantly evolving and by engaging in innovative interdisciplinary research. The School promotes clinical and experiential learning where theory is put to practice. An excellent community of academicians, professionals, industry experts and research scholars supports the School and its students. True to the vision of Justice V.R Krishna Iyer , Prof.(Dr.) U. R Ananthamoorthi Prof. (Dr.) V.D.Sebastian,and Prof.(Dr.)Vikraman Nair School of Indian Legal Thought has remained a leader in the field of legal education for over 30 years

Specializations are available: Constitutional Law and Administrative Law, Intellectual Property Right and Cyber Law, Criminal Law, Environmental Law

Admission Criteria: Admission will be on the basis of a Rank List Prepared as per the score obtained in the common admission test.

Test Syllabus: Graduate level Law and Legal Studies

7.2 BBA LLB (Hons.), 5 Year Programme

The-B.B.A.L.L.B-(Hons.) Course shall be of five years duration consisting of ten semesters. Each semester shall consist of six papers. The total number of papers in the course shall include, among other additional papers and papers in the B.B.A component, twenty Compulsory papers, six Optional papers; four papers on Practical Training and eight Honours papers, carrying hundred marks each, as prescribed by the Bar Council of India. There shall also be a Project and a Viva-voce examination in the tenth semester of the course.

Admission Criteria: Admission will be on the basis of a Rank List Prepared as per the score obtained in the common admission test.

Test Syllabus: The entrance test is intended to test the language skills, current affairs including general knowledge, legal reasoning, legal aptitude.

Chapter 08

1. Postgraduate Programme in School of Management and Business Studies: Master of Business Administration (MBA)

School of Management and Business Studies, Mahatma Gandhi University Main Campus, Website: smbs.mgu.ac.in, E-mail: smbsmgu@yahoo.co.in Phone: 0481 273 2288



School of Management and Business Studies is a Regular Statutory Department for Management studies in Mahatma Gandhi University. This School had a humble beginning on 25th March 1999 with a two-year full-time MBA programme for the management aspirants with the objective of moulding enterprising youth into career-oriented and competent management professionals. With dedicated and high calibre professional expertise and state-of-art infrastructure, the institution imparts the best of theory and practical knowledge to carve a niche for itself in the challenging two year MBA, programme with specializations in Finance, HRM, Marketing, Operations, and System management. Its industry integrated curriculum, outstanding calibre of faculty, and innovative teaching methodology have endeared it to both, students and industry. Each student is made to learn through interactive classroom sessions, research driven project work and field visits- all contribute to the making of these well-rounded individuals who are seeking to engage usefully with global development processes.

Admission to the MBA programme through www.admission.mgu.ac.in

Number of Seats :60

Open All India Quota : NIL

Additional International Quota:12

Minimum Qualification: A pass in any Bachelor's Degree Examination of Mahatma Gandhi University or an equivalent degree of any other universities duly recognized by Mahatma Gandhi University with not less than 50% marks in the aggregate for all parts of examination or a Masters Degree in any subject. Only a pass in the qualifying exam is required for SC/ST candidates. Those who are awaiting final semester results of qualifying exam can also apply provided that they should produce certificates and mark list of qualifying exam before the commencement of their first semester MBA examination.

Relaxation of marks and Reservation of seats are based on University/ Government Rules. Candidates should have valid CMAT/CAT/ KMAT (Kerala Management Aptitude Test) score.

Admission Criteria: Admission to MBA Degree programme of the School is based on the score obtained in CMAT/CAT/KMAT, Group Discussion, and Personal Interview in the ratio 80:10:10.

Based on the performance on the Entrance Test, Group Discussion and Interview, the Rank list for MBA admission will be prepared.

Chapter 09

Master of Technology (M. Tech) Programmes

09. 1 M. Tech Energy Science & Technology

School of Energy Materials, Mahatma Gandhi University Main Campus, e-mail: sem@mgu.ac.in

The M. Tech. program in Energy Science is a newly introduced interdisciplinary program run by School of Energy Materials, Mahatma Gandhi University, Kottayam. It is designed to attract highly motivated science and engineering graduates from India and abroad. The course will equip students to meet the requirements of whole set of new opportunities both in industry as well as R&D in energy sectors of India in the coming years. The main objective of the program is to develop researchers who can provide fundamental inputs required to meet the challenges of a sustainable energy future. Out of four semester course, two semesters fully dedicated for theoretical and laboratory classes. The last two semesters for project works will be with an industry or a highly reputed international lab abroad. During the course, expert faculties from national and international universities or research laboratories will conduct classes and guide students. Upon the completion of this course, students will be awarded a Master of Technology Degree in Energy Science under the Faculty of Technology of Mahatma Gandhi University.

Admission Criteria: The admission to this program will be solely based on the Common Admission Test conducted by Mahatma Gandhi University. Those with a valid GATE score will be exempted from the entrance test and given preference in admission but need to apply for the program through the portal of Mahatma Gandhi University.

Test Syllabus: Based on the syllabi of the respective required qualification for the programme.

09. 2 M. Tech Nano Science & Nano Technology

School of Nanoscience and Nanotechnology, Mahatma Gandhi University Main Campus, Website: snsnt.mgu.ac.in, e-mail: snsnt@mgu.ac.in

The M. Tech. program in Nanoscience and Nanotechnology is designed with an interdisciplinary and cross-disciplinary approach to attract highly motivated science and engineering graduates to the hugely sought-after field. The program is intended to create highly skilled manpower in the field of Nanoscience and Nanotechnology, to take up challenging opportunities in this emerging discipline. The main objective of the program is to induce and cultivate an enhanced sense of research awareness and aptitude with perspectives on Nanoscience and Nanotechnology applications. The program spans over 4 semesters with the first two semesters fully for conceptual studies and laboratory experiments. The final 2 semesters are fully dedicated to a 12-month research-oriented project work in an industry or in a highly reputed international laboratory in India or abroad. This program is expected to ensure a research career-oriented post-graduate degree course, uplifting the students' prospect in the ever-advancing field of Nanoscience and Nanotechnology with emphasis on translational research. Upon successful completion of two years in the program, the candidates will be awarded a Master of Technology Degree in Nanoscience and Nanotechnology under the Faculty of Technology of Mahatma Gandhi University.

Admission Criteria: The admission to this program will be solely based on the Common Admission Test conducted by Mahatma Gandhi University. Those with a valid GATE score will be exempted from the entrance test and given preference in admission but need to apply for the program through the portal of Mahatma Gandhi University.

Test Syllabus : Based on the syllabi of the respective required qualification for the programme

09. 3 M. Tech Polymer Science and Engineering

International and Inter University Centre for Nanoscience and Nanotechnology, Mahatma Gandhi University Main Campus, Phone : 91-481-2731669 (Office) e-mail: cnnmgu@gmail.com, cnnmgu@mgu.ac.in



The Centre for Nanoscience and Nanotechnology was established as a nodal research Centre of Mahatma Gandhi University in the year 2009. The Centre focus on the enhancement of research and higher studies in the cutting-edge areas of polymer sciences and nanoscience and nanotechnology. Considering the achievements in its academic and research pursuits in the past years since its inception, the state Govt. of Kerala has elevated the status of the Centre to International and Inter University Centre for Nanoscience and Nanotechnology (IIUCNN) in the year 2013. The M Tech Polymer Science and Engineering course at IIUCNN consists of a two-year duration with four semesters. The first and second semesters consist of regular classes and laboratory work, including mini-projects. The first two semesters also included industrial visits in India, including tyre manufacturers (Apollo Tyres, MRF Tyres), the paints industry, oil refineries, etc. The third and fourth semesters encompass research projects with scholarships, and the students may also get the chance to pursue projects with fellowships from Australia, Japan, and Europe. During the entire course, students get classes from foreign university professors and expert lecture series talks (national and international). Also, the facility to present students' research works at international conferences. This M Tech program enlightens, motivates, and enriches the students to pursue the Ph.D. in different multidiscipline of material science.

Admission Criteria: The admission to this program will be solely based on the Common Admission Test conducted by Mahatma Gandhi University. Those with a valid GATE score will be exempted from the entrance test and given preference in admission but need to apply for the program through the portal of Mahatma Gandhi University.

Test Syllabus : Basics of polymer: Types of polymers, Techniques of polymerization, Types of copolymers, Concept of reactivity ratio, Natural polymers, Addition and condensation polymer, Polymer alloys and blends, Properties of commodity and engineering polymers, Thermosetting polymers and their applications, Elastomers, TPEs rubber technology, plastics technology, Processing of polymers, Testing and characterisation of polymers, speciality polymers, Additives for polymers.

Basics of Material Science - Nature and Properties of Materials, Physics of Materials, Mechanical Behaviour of Materials, Phase Equilibrium in Materials, Heat Treatment of Metals, Corrosion and Degradation of Materials, Materials Characterization, Quantum dots

Basics of Nanoscience and nanotechnology – Basics of nanoscience and nanotechnology, chemical synthesis of nanomaterials, Top-down techniques, Semiconductor nanoparticles, Organic nanoparticles, polymer nanocomposites, nanotechnology for biomedical applications

Basics of Biotechnology - Introductory Biological Chemistry, Animal and Plant Physiology, Recombinant DNA Technology, DNA Typing, Proteomics and Beyond, Biodiversity and Taxonomy, Microbiology and Macromolecule, Biostatistics.

Basics of Electronics and communication: Basic Concepts in Electrical Engineering, Kirchhoff's laws, Magnetic circuits, DC machines, Three phase circuits, Transformers, three phase induction motor, Amplifiers and oscillators.

09. 4 M. Tech Polymer Science and Technology

School of Chemical Sciences, Mahatma Gandhi University Main Campus, **Website:** www.scs.mgu.ac.in, **Phone :** 0481 2731036, **e-mail:** office.scs@mgu.ac.in



Polymer Science and Technology is a demanding subject of interest in the current scenario of frontier materials for today's civilization. Presently only CUSAT is offering an M.Tech programme in Polymer Science and Technology in the region. The primary aim of this programme is to provide opportunities for students seeking advanced technological knowledge in the field of

Polymer Science to suit the current need of the society. The course curriculum contains basic polymer science, characterization, properties, applications, processing technology, advanced polymeric materials etc. Another highlight is, as part of this curriculum, the students are encouraged to do their project work in various national and international R & D organizations during the final two semesters.

Two seats are reserved for the employees from Industry/Academic Institutions having at least 4 years of working experience. If there is no applicant, the reserved seats shall be converted to open category.

Admission Criteria: The admission to this program will be solely based on the Common Admission Test conducted by Mahatma Gandhi University. Those with a valid GATE score will be exempted from the entrance test and given preference in admission but need to apply for the program through the portal of Mahatma Gandhi University.

Test Syllabus: – M.Sc Chemistry or B.Tech. Polymer level

Chapter 10

Integrated Programmes

10.1 Integrated Master of Science (Integrated M.Sc)

Institute for Integrated Programmes and Research in Basic Sciences (IIRBS), Website: iirbs.mgu.ac.in, Phone Number: 0481-2732992 Email: iirbs@mgu.ac.in



A knowledge centre comprising Sophisticated Instrumentation Facility, instructor-led classroom teaching and technology–enhanced learning techniques, first of this kind among the universities in Kerala, namely Institute for Integrated Programmes and Research in Basic Sciences (IIRBS), has been instituted directly under Mahatma Gandhi University in 2008. The Institute aimed to provide intellectual, instrumental as well as experimental support for pursuing excellence in basic science branches and is expected to contribute to the talent pool of researchers and specialized technicians. The Institute has launched Five Year integrated interdisciplinary Master of Science programmes in five major disciplines (**Chemistry, Physics, Life Sciences, Computer Science and Environmental Science**) w.e.f the academic year 2020-21. The integrated programmes have inter/multidisciplinary curricular content enabling students to complete both graduate and post graduate programmes in a continuous stream and to attain a high level competency in their area of specialization.

Major highlights of the programme:

- ⌚ The unique inter/multidisciplinary curricular content of this programme enable the students to complete both graduate and post graduate level programmes in a continuous stream and to attain a high level competency in their area of specialization.
- ⌚ The programme structure is designed in such a way to offer high quality learning environment for students by ensuring intellectual, instrumental as well as experimental support for pursuing excellence in offered disciplines and thereby expected to contribute to the talent pool of researchers and specialized technicians.
- ⌚ Classes will be handled by the faculty members from the university as well as eminent visiting professors of International/national repute.
- ⌚ The first four semesters involve a set of comprehensive mandatory/optional courses in all offered science disciplines and mathematics along with a few courses from Humanities, Social Science and Languages (Including foreign).

- ⌚ Later six semesters are completely devoted for the courses from major discipline.
- ⌚ Curriculum also consists of hands on training on various advanced instrumentation techniques.
- ⌚ Curriculum offers opportunities for carrying out project work/Internship(s) at prestigious academic institutions in India and abroad.

Admission Criteria: Admission will be on the basis of a Rank List Prepared as per the score obtained in the common admission test (80%) and interview(20 %)

Duration : 5 year (10 semester)

Test Syllabus: Syllabus for the entrance test will be comprehensively based on the plus-two level science topics with a weightage of marks as Chemistry (25%), Physics (25%), Biology(15%), Mathematics (15%) and General Knowledge (Computer science, Environmental science, current affairs etc) (20%).

10.2 Five year integrated Master's Programme in Social Sciences

Institute of Multidisciplinary Programmes in Social Sciences (IMPSS), Website: www.impss.mgu.ac.in, Phone Number: 0481-2732992, Email ID: impss@mgu.ac.in



IMPSS has been established with the purpose of cultivating deeper understanding and providing crucial insights into major social science disciplines, through a variety of research and taught programmes. The Institute makes optimal use of expertise of a team of scholars from various statutory schools of the University and the employment of interdisciplinary tools and methods. IMPSS offers taught and

research programmes, organizes academic events such as conferences, workshops, symposia, occasional lectures, screening of films etc.

IMPSS has established linkages with institutions of various sorts with national and international standing to facilitate collaborative academic projects and joint taught programmes. IMPSS aids free flow of ideas and knowledge through publishing books, monographs and research papers. Besides promoting specialized knowledge, IMPSS engages in conducting extension programmes like art shows, exhibition of photographs and screening of films and documentaries.

Admission Criteria: Admission will be on the basis of a Rank List Prepared as per the score obtained in the common admission test (100%)

Duration : 5 year (10 semester)

Test Syllabus : Written Test carrying 100 marks divided in to four parts (25 marks for each) consisting of the following.

Part A : Social Studies

Part B : General Awareness and Current Affairs

Part C: Language and Comprehension

Part D: Quantitative Aptitude and Reasoning Ability.

Chapter 11

Bonus Marks/Weightage Marks, Preparation of Rank list and Counselling for Admission

11.1 Bonus Marks,Weightage Marks, Relaxation of Marks

11.1.1 NCC/NSS

11.1.1.1 For Post Graduate Programmes

A bonus of 5 marks will be awarded to NCC (for 'B' and 'C' Certificate holders) and NSS candidates for admission to all courses. For NCC candidates the bonus marks will be awarded on the basis of the NCC certificates signed by the Director and issued by the Directorate provided the candidates have secured at least 75% attendance after having participated in NCC activities during the course of study of the qualifying undergraduate programme. . An additional bonus mark of 3 will be given to 'A' certificate holders and 5 marks each to 'B' and 'C' Certificate holders for their high proficiency.

The Claim of candidates who have participated in NCC/NSS activities prior to the university level programme i.e. Higher secondary/ Plus two / Vocational Higher Secondary etc. will not be taken for awarding bonus marks.

In respect of NSS candidates the bonus marks will be awarded on the basis of NSS certificates signed by the Vice-Chancellor or the Pro-Vice-Chancellor and issued to volunteers who have completed 240 hours of work within a period of 2 years in the course of study of the qualifying undergraduate programme.

11.1.1.2 For BBA LLB (Hons.) & Integrated Programmes

A bonus of 15 marks will be awarded to applicants with NCC or NSS Certificates at 'Plus Two Level'. In respect of NCC candidates, the bonus marks will be awarded on the basis of NCC Certificates signed by the Director and issued by the Directorate of NCC to candidates who have secured at least 75% attendance after having participated in its activities during the programme of study immediately preceding the programme for which admission is sought. *An additional bonus mark of 5 to 'B' Certificate holders in proof of their high proficiency.*

The benefit of bonus marks can be availed by a candidate only under one category i.e.; either NSS or NCC

11.1.2 EX-SERVICE

A bonus of 15 marks will be awarded to the Ex-servicemen applicants and widows and children of Jawans and Ex-service men seeking admission to the P.G. Courses. Applicants in this category should invariably produce the certificate in support of their claim at the time of admission. The certificate should be obtained not earlier than six months from the last date of submission of application from the military authorities or state/Zilla Sainik Welfare Officer to the effect that the applicant is the son/daughter of ex service man or an ex service man himself. The certificate should clearly show that the benefit of reservation has not been granted earlier to any member in the family. In the absence of the above certificate the claim will not be considered.

11.1.3 SCOUT, GUIDE, ROVER, RANGER

As per University order no.126573/ACA1-2/2021/ACA1 dated 24.09.2021, 15 marks will be

awarded as grace mark for the admission to the under graduate programme to the recipients of Rajya Puraskar / Nanmamudra certificate at 'Higher Secondary Level' in Scout, Guide, Rover, Ranger.

11.1.4 STUDENT POLICE CADET

For BBA LLB (Hons) and Integrated Programmes, weightage marks of 15 will be awarded to the Student Police Cadet applicant as per University order no.4999/ACA1/2021/M.G.U dated 25.09.2021. Applicants in this category should produce certificates of successful completion of Student Police training programme issued by the District Nodal Officer and District Police Chief together.

11.1.5 Relaxation in Marks in the Qualifying Examination

Kerala SC/ST Candidates – The minimum requirement for PG admission is a pass in the Qualifying Examination.

SEBC Candidates- Relaxation of 3% marks in qualifying examination.

OEC & Person with disability Candidates- Relaxation of 5% marks in qualifying examination.

Minimum required marks for qualifying examination unless specified otherwise, provided that the candidates have passed the qualifying examination.

11.2 PREPARATION OF RANK LIST:

11.02.01: For M Sc. Biosciences (M Sc. Biochemistry, M Sc. Biotechnology, M Sc. Biophysics, M Sc. Microbiology), MSc Inorganic Chemistry, MSc Organic Chemistry, MSc Physical Chemistry, MSc Polymer Chemistry), MSc Psychology, MSc Physics, MSc Mathematics, MSc Statistics, , MSc Nanoscience and Nanotechnology (Chemistry), MSc Nanoscience and Nanotechnology (Physics), MSc Data Science & Analytics, MSc Food Science and Technology, MSc Botany and Plant Science & Technology, MA Politics and International Relations, MA Politics and Human Rights, MA Politics Public Policy and Governance, MA Economics, MA Gandhian Studies, MA Development Studies, MA History, MA Anthropology, Master of Tourism and Travel Management, Master of Education (M Ed), Master of Law (LLM), BBA LLB, MA Counselling, MA Lifelong Learning, M.Sc Physics (Specialization in Energy Science), M.Sc Chemistry (Specialization in Energy Science), M.Sc Material Science (Specialization in Energy Science) will be prepared based on:

- A) Total marks scored in the Objective Test converted into out of 800
- B) The Bonus Marks/Weightage Marks

A+B shall be the index marks. The rank list will be prepared and published accordingly.

11.02.02 : For MSc. Computer Science, MSc Environmental Science & Management, MSc Environmental Science & Disaster Management, MSc Artificial Intelligence and Machine Learning , Integrated Master of Science (Integrated MSc), MSc Applied Geology, MA Gender Studies will be prepared based on:

- A) Total marks scored in the Objective Test (80 marks) + Marks scored in Interview (20 marks) converted into out of 1000
- B) The Bonus Marks/Weightage Marks

A+B shall be the index marks. The rank list will be prepared and published accordingly.

11.02.03: For Master of Physical Education and Sports programme the rank list will be prepared based on :

- A) The marks scored in objective Test (80 marks) + Marks scored based on Sports Merit Certificate (20 marks) converted into out of 1000
- B) the bonus marks/ weightage marks

A+B shall be the index marks. The rank list will be prepared and published accordingly

11.02.04: For MA social work in disability studies and action programme the rank list will be prepared based on:

- A) The marks scored in objective test (Maximum 80 marks)+ Marks scored in Descriptive test (Maximum 20 marks) will be converted into out of 1000.
- B) The bonus marks/Weightage marks
- C) Interview mark (Maximum 100 mark out of which 10 mark weightage allocated for Biosketch data)

A+B+C shall be the index mark. The rank list will be prepared and published accordingly

11.02.05 : For M.Tech Energy Science & Technology, M. Tech in Nano Science and Technology, M.Tech Polymer Science and Engineering, M. Tech Polymer Science and Technology Rank list will be prepared based on:

In the case of candidates with valid Gate Score, the rank list will be prepared on the basis of GATE score. Regarding the candidates without GATE Score, the rank list will be prepared on the basis of the marks scored in the objective type entrance examination (CAT). Eligible bonus marks if any will also be taken into account in the preparation of rank list.

11.02.06 For Five year integrated Master's Programme in Social Sciences the rank list will be prepared based on

- A) Total marks scored in the Objective Test converted into out of 1000
- B) The Bonus Marks/Weightage Marks

A+B shall be the index marks. The rank list will be prepared and published accordingly.

11.02.07 : For MA English, MA Malayalam programmes in the School of Letters, Rank list will be prepared based on

- A) The marks scored in objective test + Marks scored in descriptive test (Maximum 40) + Interview (Maximum 10) converted into out of 20 taking upto 2 decimal places. Then convert the total marks into out of 1000.
- B) The bonus marks/Weightage marks

A+B shall be the index marks. The rank list will be prepared and published accordingly

11.02.08: For Sports and Cultural Quota:

- A) The marks scored in objective test converted into out of 800
- B) Points awarded in the proficiency in Sports/Cultural events

A+B shall be the index marks. The rank list will be prepared and published accordingly.

11.3 Admission:

Admission is conducted by the rank list prepared based on the objective test result, rank list will be published separately in the University portal. Among the University Departments which consider marks of interview /Group Discussion/ Descriptive examination/physical fitness test in addition to the marks of the Entrance test for admission, the eligible candidates of respective departments will be invited for interview /Group Discussion/ written examination by the university departments concerned. Those who fail to report for interview /Group Discussion/ written examination will be treated as Not Joined and further claim for admission from these students will not be entertained

The candidates should produce the following documents in original at the time of Admission/ Interview/Group Discussion/Written Test as per the instructions for each.

(I) Applicants for Open All India Quota will have to produce the relevant Nativity Certificate issued by the concerned competent authority.

(II) Certificate to prove date of birth.

(III) Transfer Certificate (TC) from the Institution last attended and Conduct Certificate.

(IV) Mark lists of Qualifying Degree examination and Provisional/Degree Certificate (if results are announced).

(V) Equivalency Certificate for the Qualifying Examination, if applicable

(VI) Migration Certificate, if applicable.

(VII) Caste Certificate, Income Certificate, BPL Certificate, NCLC certificate, Income & Asset Certificate, if applicable

(VIII) Applicants to the programme MA Social Work in Disability Studies and Action, if they have Qualification or information/experience in the field of disability should be produce relevant certificate.

(IX) Document proving proficiency in sports& games (Applicant to the Master of Physical Education and Sports (M.PES), if applicable)

The counseling shall be conducted by the Department/School concerned after verifying the above documents shall admit the candidate. The original certificates of all the admitted students shall be kept in the respective schools. On getting allotment in a higher option, the student should get the certificates back from the School and submit the same to the newly allotted institution.

Wherever letter grades are given for the qualifying examination, the candidate should furnish corresponding grade points or marks and the relevant documents concerning grade conversion at the time of admission

11.3.1 Confirmation of Admission

As the allotment is based only on the Entrance score and the information furnished by the candidate online, eligibility, claim for bonus mark/weightage mark, reservation and if there is any other details required for admission, head of the institution will verify the details furnished in the rank list prepared by the University based on the Entrance test mark and online application in respect of the candidate by comparing the same with the original documents produced by the candidate before the deadline announced by the University for the same. The eligibility shall be confirmed before closing of admission. Any discrepancy which results in the invalidation of the allotment and in such cases admission will be denied.

Chapter 12

12. Reservation of Seats

Types of Reservation: Out of the total Seats available for each programme in the University Departments, seats will be reserved for the different constituents of the following main categories:

- (i) Reservation for International Students
- (ii) Reservation for native of Union territories/States other than Kerala
- (iii) Reservation for Persons with Disabilities
- (iV) Reservation for Transgender Candidates
- (V) Sports Quota
- (VI) Cultural Quota
- (VII) Special Reservation
- (VIII) Mandatory Reservation

12. 1 Reservation for International Students

An additional 25 percentage of seats (over and above the sanctioned strength) is earmarked for foreign students for each PG programme in the University Teaching Departments. International students admission process will be through International Students Admission Committee(ISAC) co-ordinated by University Center for International Co-operation(UCIC – www.ucicmgu.org, email – ucicmgu@gmail.com, Mobile - 9446224240). **Foreign Students are exempted from the requirement of entrance test.** They can apply either on self or through the Indian Council for Cultural Relations (ICCR) attached to the Ministry of External Affairs, Government of India.

The ICCR offers a number of scholarships to enable International students to pursue higher studies in Universities and other recognized institutions of higher learning in India. The international students (except Govt. of India sponsored scheme) are required to submit the application online (through admission portal www.ucica.mgu.ac.in) by paying the application fee of **US\$ 100 (equivalent Indian Rupees on the date of payment)** through international payment facility before the stipulated time(see schedule) attaching the following documents(all in English Version).

- i) Curriculum vitae.
- ii) Copies of Degree Certificates, Pass Certificates, mark lists, transcripts of all examinations undergone.

iii) Proof for credibility of the University/Institution where the candidate has undergone the Qualifying examination including the recognition of the institution in Association of Indian Universities/Association of Commonwealth Universities/International Association of Universities or such accredited institutions of Higher learning.

iv) Two copies of recent passport size photographs.

iv) Conduct certificate from the Head of the Institution last studied.

vi) Reference letters from two persons from respective countries, who have intimate knowledge of the academic capabilities of the applicant.

vii) Medical Certificate from competent Authority from the country concerned.

viii) Copy of Passport.

12.2 Reservation for native of Union territories/States other than Kerala (Open All India Quota)

12.2.1 20% of the total approved seats of each programme except MBA, M Ed, MA Social work in disability studies and action, BBA LLB, M. Tech Programmes and Integrated Programmes are created additionally and earmarked as Open All India Quota. Seats are reserved for applicants who are native of Union territories/states other than **Kerala**. Applicant who are native of Kerala are not eligible for Open All India Quota.

12.2.2 If there is no applicant for Open All India Quota, the 20% seats additionally created will be cancelled.

12.2.3 Communal reservation is not applicable for Open All India Quota

12.2.4 Applicants for Open All India Quota shall have to present the valid Nativity Certificate issued by the competent authority at the time of Interview.

12.2.5 Once the application is submitted, applicants are not allowed to change from Kerala state quota to Open all India Quota and vice versa.

12.2.6 Applicants who are native of Union territories/States other than Kerala can apply only for Open All India Quota Seats

12.2.7 For M Ed and MA Social Work in Disability Studies and Action, BBA LLB programmes, M.Tech programme, Integrated Programmes there will not be seats under all India quota. But candidates from Union territories/states other than Kerala can register their application under all India quota while submitting online application. These applications will be considered along with Kerala state quota application and one common rank list will be prepared for admission.

12.3 Reservation for Differently Abled Persons (PD):

The students who seek admission in this category should submit their application (online) through CAT- MGU and qualify themselves in the Entrance Test. **5% seats of the sanctioned strength shall be created over and above in all exclusively for candidates with benchmark disability** (as per clause 32 (1) of chapter VI, The Rights of Persons with Disabilities Act, 2016). **If candidates are not available in a particular category, the seats shall not be filled from any other categories.**

‘Person with disability’ means a person suffering from not less than 40% of any disability as certified by a Medical Board constituted for this purpose. Candidates who have a minimum of 40% disability alone will be eligible for this quota. Candidates seeking admission under Differently Abled category should submit the “Certificate of disability”, issued not earlier than 5 years prior to the submission of application, by the District Medical Board or bodies of higher status, certifying the degree of percentage of disability. The Permanent Disability Card issued by the State Government is also considered. The permanent disability card has a lifelong validity when issued to a disabled person - above the age of 18 years. For disabled children below 18 years of age, the card is to be updated once in every five years. Based on the details furnished in the online application, candidates will be provisionally included under the “Differently Abled” category. Candidates seeking admission under PD category should produce ‘Certificate of disability’ issued by a District Medical Board or bodies of higher status, certifying the degree or percentage of disability at the time informed by the University. The selection of candidates under this category will be based on the rank in the inter se-merit list and not on the basis of the degree of disability. If there are no applicants in a particular category, the seats shall not be filled from any other categories.

Categories of Disabilities (As per University Order No. 7396/ACA 1/2022/MGU dated 11.07.2022

- 1) Blindness
- 2) Low Vision
- 3) Leprosy Cured Persons
- 4) Hearing Impairment (deaf and hard of hearing)
- 5) Locomotor Disability
- 6) Dwarfism
- 7) Intellectual Disability
- 8) Mental Illness
- 9) Autism Spectrum Disorder
- 10) Cerebral Palsy
- 11) Muscular Dystrophy
- 12) Chronic Neurological Conditions
- 13) Specific Learning Disability
- 14) Multiple Sclerosis
- 15) Speech and Language Disability
- 16) Thalassemia
- 17) Haemophilia

- 18) Sickle Cell disease
- 19) Multiple Disability including deaf- blindness
- 20) Acid attack victims
- 21) Parkinson's disease
- 22) Any other disability specified in the Rights of Persons with Disabilities Act, 2016

12.4 Reservation for Transgender Candidates:

As per the University order 2532/ACA1/2/2019 dated 10.06.2019 2 seats are additionally created for transgender category in addition to the existing seats in each programme in university. They should produce relevant certificate from concerned medical board.

12.5 SPORTS & CULTURAL QUOTA:

An additional one seat is earmarked in PG programmes over and above the sanctioned strength for admitting candidates under Sports / Cultural Quota on rotation basis, as per Order no. 3084/A1/2017/Academic dated 24.05.2017.

As per university order no.1038/ACA 1/2022/MGU dated 01.02.2022 admission to the Arts/Cultural quota shall be in compliance with the criteria as follows.

- i. If there are no eligible candidates for the seat reserved in Arts/Sports category in any year, it will be transferred to the next category and this reservation should be reversed in the next year. In case of unoccupancy of seats, it will be interchanged.
- ii. The rank list for Arts/Sports Quota will be prepared by adding the marks scored in the entrance examination converted into out of 800 along with the points allotted for various categories in Arts/Sports quota admission.
- iii. If a candidate qualifies for admission in both the Arts/Sports quota and General merit, He/she shall be considered for admission in General merit seats only after being not selected in Arts/Sports quota.
- iv. Other reservations such as SC/ST, OBC etc are not applicable for Arts/Sports quota admission.
- v. If there are no applicant for Arts/Sports quota, the earmarked seats will be cancelled

12.5.1 RESERVATION OF SEATS UNDER SPORTS QUOTA

The admission shall be based on the guidelines issued vide UO No. 2435/ACA1/2020/MGU dated 09.06.2020.

Age Limit: Upper age limit for applying through sports quota is 25 years.

The following norms are prescribed for admission under sports quota.

The applicant for admission to the Sports quota should have represented the College in the Inter Collegiate Competitions. Preference shall be given to Sportsmen who have represented the

State/University over the sportsmen who have represented the District/College. **Performance in any year during the Under Graduate Programme only will be taken into consideration.**

The following guidelines shall be followed in determining merit in sports and games for admission to the PG programmes.

Points shall be awarded to the 1st (Winner or the Winning Team), Second (Runners up or Runners

Sl No	Item	Points
1	Representing India in approved world Championships/Olympics and winning Gold Medal	200
2	Representing India in approved world Championships/Olympics and winning Silver Medal	195
3	Representing India in approved world Championships/Olympics and winning Bronze Medal	190
4	Representing India in approved world Championships/Olympics	185
5	Representing India in Commonwealth games/ Asian Games/Asian Championship etc. and Winning Gold medal	180
6	Representing India in Commonwealth games/ Asian Games/Asian Championship etc. and Winning Silver medal	175
7	Representing India in Commonwealth games/ Asian Games/Asian Championship etc. and Winning Bronze medal	170
8	Representing India in Commonwealth games/ Asian Games/Asian Championship etc	165
9	Representing India in World University games and winning a Gold medal	160
10	Representing India in World University games and winning a Silver medal	155
11	Representing India in World University games and winning a Bronze medal	150
12	Representing India in World University games	145
13	Representing India in Regional Championship such as SAF Games and winning a Gold medal	140
14	Representing India in Regional Championship such as SAF Games and winning a Silver medal	135
15	Representing India in Regional Championship such as SAF Games and winning a Bronze medal	130
16	Representing India in Regional Championship such as SAF Games	125
17	Representing Kerala State in National Championship for Senior / Youth and Winning Gold medal	120
18	Representing Kerala State in National Championship for Senior /Youth and Winning Silver medal	115
19	Representing Kerala State in National Championship for Senior /Youth and Winning Bronze medal	110
20	Representing Kerala State in National Championship for Senior /Youth championship	105

up team), third (third place) and participation as :

21	Representing a University in All India / South Zone Inter University Competition and Winning a Gold medal	100
22	Representing a University in All India / South Zone Inter University Competition and Winning a Silver medal	95
23	Representing a University in All India / South Zone Inter University Competition and Winning a Bronze medal	90
24	Representing Kerala State in South Zone Championship for Senior/Youth and Winning Gold Medal	85
25	Representing Kerala State in South Zone Championship for Senior/Youth and Winning Silver Medal	80
26	Representing Kerala State in South Zone Championship for Senior/Youth and Winning Bronze Medal	75
27	Representing Kerala State in South Zone Championship for Senior/Youth	70
28	Representing University in All India / South Zone Inter University Championship	65
29	Representing State in all India Rural Sports/ women's Sports and Winning a Gold Medal	60
30	Representing State in all India Rural Sports/ women's Sports and Winning a Silver Medal	55
31	Representing State in all India Rural Sports/ women's Sports and Winning a Bronze Medal	50
32	Representing Kerala State in All India Rural Sports/Women's Sports	45
33	Representing District in Inter- District Championship for Seniors / Youth and Winning a Gold Medal	40
34	Representing District in Inter- District Championship for Seniors / Youth and Winning a Silver Medal	35
35	Representing District in Inter- District Championship for Seniors / Youth and Winning a Bronze medal	30
36	Representing District in Inter- District Championship for Seniors / Youth Students selected for KSSC Sports hostel scheme	25
37	Representing a college in the Inter Collegiate championship and Winning a Gold Medal	20
38	Representing a college in the Inter Collegiate championship and Winning a Silver Medal	15
39	Representing a college in the Inter Collegiate championship and Winning a Bronze Medal	10
40	Representing a college in the Inter Collegiate Tournament	05

- i. A person can score points only in one category.
- ii. The highest score will be counted
- iii. Where bracketed, scores in other categories will be counted

- iv. Where still bracketed, Priority will be given in the order of merit i.e.; 1st , 2nd , and 3rd place respectively.
- v. Those with a more number of achievements in the same level will be placed above the others (more number of 1st places, more number of 2nd places and so on).
- vi. Individual achievements will be ranked above team achievements.
- vii. A new record is created; he/she will be given priority.
- viii. If the tie could not be resolved by any of the above mentioned sports achievements, the index marks based on the qualifying examination shall be considered for breaking the tie.
- ix. Performance in any year during the Under Graduate Programme will be taken into consideration.
- x. The students admitted in Sports quota shall mandatorily be available to represent the University in the Inter University competitions unless specifically exempted by the Vice-Chancellor/Director of Physical Education, Mahatma Gandhi University.

Addendum

1. Only the events, which are having intercollegiate competitions in Mahatma Gandhi University alone, will be considered for Sports Quota admissions.
2. Approved World competitions means the competitions organized by the International Apex Bodies of the concerned discipline and in which the national Teams are sponsored by the National Apex Bodies and cleared by Sports Authority of India/ Government of India .
3. The National Championship means the championships conducted by the National Apex Bodies of the concerned discipline. District Competition means revenue district competition conducted by district association in respective sports.
4. Individual games /event means a game/event in which individual performs alone.
5. When a candidates has number of achievement in a sports /different discipline his/ her best achievement will be taken in to consideration.
6. For team events, colleges should upload the events they wish to choose in the beginning of each academic year

Competitive items to be considered under sports quota admission

1. Judo (M&W)
2. Fencing (M&W)
3. Tennis (M&W)
4. Yoga (M&W)
5. Hockey (M&W)
6. Football (M&W)
7. Wrestling (M&W)
8. Kabbadi (M&W)
9. Table Tennis (M&W)
10. Volleyball (M&W)

11. Swimming (M&W)
12. Basket Ball (M&W)
13. Badminton (M&W)
14. Cycling
15. Weight lifting (M&W) & Best Physique
16. Athletics (M&W)
17. Roll ball (M&W)
18. Base ball (M&W)
19. Net ball (M&W)
20. Ball Badminton (M&W)
21. Chess (M&W)
22. Handball (M&W)
23. Softball (M&W)
24. Kho-Kho (M&W)
25. Taekwondwo (M&W)
26. Cross Country (M&W)
27. Powerlifting (M&W)
28. Tug of war (M&W)
29. Hockey 5's (M&W)
30. Cricket (M&W)
31. Roller Sports (M&W)

11.5.2 RESERVATION OF SEATS UNDER CULTURAL QUOTA:

The admission shall be based on the guidelines issued vide UO No. 3823/ACA1/2021/MGU dated 05.08.2021.

The maximum age limit for the applicant shall be 25 years

The selection shall be made from among the applicants for the cultural quota on merit as follows.

1. Whether ranked 1st in National/Inter University Youth Festival /Competition of Association of Indian Universities : 50
2. Whether ranked 2nd in National/Inter University Youth Festival /Competition of Association of Indian Universities : 30
3. Whether ranked 3rd in National/Inter University Youth Festival /Competition of Association of Indian Universities : 20
4. Whether ranked 4th in National/Inter University Youth Festival /Competition of Association of Indian Universities : 10

5. Whether ranked 1st in Zonal Inter University Youth Festival/Competition of Association of Indian Universities : 30
6. Whether ranked 2nd in Zonal Inter University Youth Festival/Competition of Association of Indian Universities : 20
7. Whether ranked 3rd in Zonal Inter University Youth Festival/Competition of Association of Indian Universities : 10
8. Whether ranked 4th in Zonal Inter University Youth Festival/Competition of Association of Indian Universities : 05
9. Whether ranked 1st in Annual University Youth Festival of any University in Kerala: 20
10. Whether ranked 2nd in Annual University Youth Festival of any University in Kerala: 10
11. Whether ranked 3rd in Annual University Youth Festival of any University in Kerala: 5
12. Whether ranked 4th in Annual University Youth Festival of any University in Kerala: 3
13. In the absence of applicants who do not secure 1st, 2nd, 3rd and 4th places candidates with 'A' grade shall be considered for admission with score 2 each.

Addendum

Candidates who possess 'A Grade' will be guided by the following conditions.

- i. A person can score points only in one category
- ii. The highest score will be counted
- iii. Where bracketed, scores in other categories will be counted
- iv. Where still bracketed, person who won 'University Champion/Kala Prathibha' title will be given 3 extra points
- v. Performance in any year during the degree programme in any University will be taken into consideration.
- vi. He/She must be available for University events unless specifically exempted by the competent authority.

Candidates seeking admission under Arts/Sports quota should appear for the Common Admission Test (CAT) and seats reserved under Arts Quota are filled from the rank list prepared by the University.

12. 6 Special Reservation:

The seats reserved for candidates belonging to the following categories come under this group.

12.6.1: Economically Weaker Section (EWS): 10% of the total seats are reserved for applicants belonging to Economically Weaker section. For availing the benefit of reservation under this category as stipulated in GO (MS) No. 128/2020/H Edn dated 20/03/2020.

Applicants who wish to claim this reservation should submit their applications through CAT-MGU and qualify themselves in the Entrance Test. These candidates will also be considered for the general allotment if no seats are available in EWS Reservation category. For the same reason they should not submit separate application for the general allotment. **If eligible candidates for EWS Reservation are not available all such vacant seats shall be converted to Open Merit seats.** If the number of seats in a University Department for a programme is very small, all the seats for the different programmes in a Department are pooled together to calculate the EWS reservation seats.

Candidates who wish to avail reservation under EWS will have to produce the Income & Assets Certificate from the village officer concerned.

12.6.2: Teacher Quota (for M Ed only): One seat is reserved as Teachers Quota. Teachers who are working in Govt./Aided Colleges/Schools on a regular basis at the time of notification only are eligible to be considered for admission under this category. Certificates of teaching experience countersigned by AEO/DEO/DD to be furnished at the time of admission. They will be admitted giving weightage to teaching experience calculated as below.

The minimum period for considering the weightage to teaching experience is a continuous service of 6 months. For each month of teaching experience approved by DEO/DCE, 0.1 marks will be given. The weightage will be given to those who are having 5 years or more for retirement. Such candidates should have appeared the MGU CAT.

12.7 Mandatory Reservation

The break-up of mandatory reservation will be as follows:

a) **For Non-Professional Programmes:**

Mandatory Reservation Categories	% of Reservation
Ezhava, Thiyya & Billava	8
Muslims	7
Latin Catholics other than Anglo Indians	1
Other Backward Christians	1
Other Backward Hindus	3
Scheduled Caste	15
Scheduled Tribe	5

EWS	10
-----	----

b) For Professional Programmes:

Mandatory Reservation Categories	% of Reservation
Ezhava, Thiyya & Billava	9
Muslims	8
Other Backward Hindus	3
Latin Catholics other than Anglo Indians	3
Dheevara and related communities	2
Viswakarama and related Communities	2
Kusavan and related communities	1
Other Backward Christians	1
Kudumbi	1
Scheduled Caste	8
Scheduled Tribe	2
EWS	10

Claims for Mandatory Reservations must be made by a candidate at the time of submission of online application, and original certificates and supporting documents in proof of the claim should be produced at the time of Counselling.

12.7.1: Claim for Communal reservation under ‘Socially and Educationally backward Classes’ (SEBC): Reservation of seats to the Socially and Educationally backward Classes will be in accordance with the provisions contained in G.O.(P) 208/66/Edn. dated 2.5.1966, as amended from time to time. Candidates belonging to Socially and Educationally Backward Classes as per G.O.(P) 02/2018/BCDD dated 08.03.2018 who belong to the non-creamy layer are eligible for

reservation under this category. The non-creamy layer certificate should have been issued not earlier than 12 months prior to the submission of application. Only the claims of the candidates of those communities that are included in the list of communities appended in the prospectus will be considered. If eligible candidates for SEBC Reservation are not available all such vacant seats shall be converted to Open Merit seats

12.7.2 : Claim for Reservation under Scheduled Castes/Scheduled Tribes Quota:

Candidates claiming reservation under Scheduled Castes/ Scheduled Tribes Quota should obtain caste/community certificate from the Tahsildar.

12.7.3 : Claim of OEC candidates against the un-availed seats of SC/ST candidates:

Other Eligible Community (OEC) candidates who claim allotment to the un-availed seats, if any, under SC/ST quota should furnish community and income certificates obtained from the Village Officer concerned. Those OEC candidates whose annual family income is upto Rs. 8 lakhs alone are eligible for such seats.

12.7.4 : OTHER GENERAL RULES FOR MANDATORY RESERVATION :

- a) The seats unavailed by the SC candidates will be diverted to ST candidates and vice versa. If the seats reserved for SC/ST are remaining vacant such vacancies will be re-notified through print media. If SC/ST seats remain vacant even after the process noted above such seats will be filled up in the following manner:
- b) The unfilled SC/ST vacancies shall be filled from candidates belonging to OEC, and in their absence from candidates belonging to SEBC. If the seats still remain unfilled, the same will be given to open quota.

12. 8 All the aforesaid information is general in nature and all reservation will be subjected to rules of the University in force at the time of admission. Communal & Other Reservation will be subject to satisfactory verification of required Certificates (in originals) produced at the time of GD /Interview /Counselling /Admission wherever applicable as directed by the university and will be governed by the rules of the university in force and as amended from time to time.

12.9 Guidelines for Conducting written examination for Persons with Benchmark Disabilities.

Persons with benchmark disabilities in the category of blindness, locomotive disability (both arm affected-BA) and cerebral palsy, the facility of Scribe shall be given. Applicants who need Scribe for writing CAT exam, have to find eligible Scribe and should inform the university two weeks prior to the examination. The Qualification of the scribe should be one step below the qualification of the candidate taking examination. The persons opting for scribe should submit details of the scribe as per proforma at Appendix -II. The scribe shall not be a relative of the differently abled

candidates and the scribe should produce a certificate to that effect. The proforma can be downloaded from the home page of the CAT website.

Other category of persons with benchmark disabilities, the provision of scribe is allowed on production of a certificate to the effect that the person concerned has physical limitation to write, and scribe is essential to write examination on this behalf, from Medical Officer/Civil Surgeon/Medical Superintendent of a Government health care institution as per proforma at Appendix-1. The proforma can be downloaded from the home page of the CAT website. The persons opting for scribe of Benchmark disability (except blindness, locomotive disability (both arm affected-BA) and cerebral palsy should submit proforma at Appendix-1 & Appendix-II

Persons with benchmark disabilities who are allowed use of Scribe shall be given Compensatory time of 40 min.

Chapter 13

Fee, Payment of fee, Refund of fee

13.1 FEE

13.1.1 Fee for the PG programme offered in the University Departments will be as per the university decision. The fee may change from time to time according to the decision of the University / Government. The respective orders of the fees structures of the various programmes have been published on the website.

13.1.2 Candidates belonging to SC/ST communities allotted against merit seats or against the seats reserved for them are exempted from payment of fee. Candidates belonging to OEC who are admitted against merit seats or against the un-availed seats of SC/ST are exempted from payment of fee (As per G.O.(Ms) No.14/2005/SCSTDD dated 5.4.2005 & G.O.(Ms) No.36/07/SCSTDD dated 03.07.2007). Candidates belonging to OEC admitted through SEBC reservation are also exempted from payment of fee. (As per G.O.(Ms) No.50/2006/SCSTDD dated 22.09.2006).

13.1.3 Claim for fee concession to OEC Candidates : Candidates belonging to Other Eligible Communities (OEC) are exempted from payment of fee at the time of allotment to Post Graduate Courses under Government/Community quota irrespective of annual family income as per G.O.(Ms) No.36/07/SCSTDD dated 03.07.2007. They should provide Community Certificate from the Village Officer in order to avail this benefit.

13.1.4 All candidates including SC/ST/OEC candidates will have to pay the ‘Caution Deposit’ as per rules.

13.1.5 In case of duplicate payment & payment failure, Candidate can apply for refund using the link <https://epay.mgu.ac.in/Refund/RefundProcess/refundRequestFormMgu> (Read the instruction carefully before submitting the application)

13.2 PAYMENT OF FEE

The fee for a course allotted to the candidate should be paid in the prescribed method within the stipulated time.

13.3 Excess fee

Excess fee if any, collected from the candidates will be refunded. The amount of fee/excess fee collected will be refunded to the candidates only after the closing of admissions for the year. The candidates need to submit individual request in this regard. No interest will be paid to the candidate on the balance amount due to him/her.

13.4 PUNISHMENT FOR MALPRACTICE

If a candidate is found indulged in any malpractice during the Common Admission Test, before or later on, shall be deemed to have committed malpractice at examination and his/her candidature will be cancelled.

Annexure

**List Of SCHEDULED TRIBE(ST)
(As Amended by the Scheduled Castes and Scheduled Tribes Orders
(Amendment) Act,2002 (Act 10 of 2003) Vide Part- VII-Kerala - Second
Schedule Notified in the Gazette of India dated 8.1.2003, G.O. (Ms)
No.06/2014 SCSTDD dated 29.01.2014.**

- | | |
|---|--|
| 1. Adiyar | 30. Palleyan, palliyan, palliyar, palliyan |
| 2. Arandan (Arandan) | 31. xxx |
| 3. Eravallan | 32.xxx |
| 4. Hill Pulaya, Mala Pulayan, kurumba | 33.paniyan |
| Pulayan, kuruvazhi pulayan, pamba pulayan | 34.ulladan (ullatan) |
| 5. Iruvar, irulan | 35. Uraly |
| 6. Kadar (wayanad kadar) | 36. Mala vettuvan (in kasargod & kannur |
| 7. xxx | distict) |
| 8. Kanikkaran, kanikkar | 37. Ten kurumban, Jennu kurumban |
| 9. Kattunayakan | 38. Thachanadan, thachanadan moopan |
| 10. Kochuvelan | 39. Cholanaickan |
| 11. Xxx | 40. Mavilan |
| 12. Xxx | 41. Karimpalan |
| 13. Koraga | 42. Vetta kuruman |
| 14. Xxx | 43. Mala panikkar |
| 15. Kudiya, melakudi | 44. Maratis of kasarkod and hosdurg |
| 16. Kurichchan(kurichiyan) | taluk |
| 17. Kurumans mullu kuruman, mulla kuruman | |
| Mala kuruman | |
| 18. Kurumbas, (kurumbar, kurumban) | |
| 19. Maha malasar | |
| 20. Malai arayan (mala arayan) | |
| 21. Malai pandaram | |
| 22. Malai vedan (malavedan) | |

23. Malakkuravan
24. Malasar
25. Malayan, Nattu malayan, konga Malayan
(excluding the areas comprising the kasargod,
Kannur, wayanad and Kozhikode district)
26. Malayarayar
27. Mannan
28. Xxx
29. Muthuvan, mudugar, muduvan

LIST OF SCHEDULED CASTES (SC)

(As Amended by the Constitution (Scheduled Castes) Orders (Second Amendment) Act, 2002 (Act 61 of 2002) Vide Part VIII Kerala- Schedule 1 Notified in the Gazette of India dated 18.12.2002, The Constitution (Scheduled Castes) Order (Amendment) Act 2007)

[see Clause 5.4.3(a)]

- | | |
|---|---|
| 1. Adi andara | 38. XXX |
| 2. Adi dravida | 39. Moger (other than mogeyar) |
| 3. Adi karanataka | 40. Mundala |
| 4. Ajila | 41. Nalakeyava |
| 5. Arunthathiyar | 42. Nalkadaya |
| 6. Ayyanavar | 43. Nayadi |
| 7. Baira | 44. XXX |
| 8. Bakuda | 45. Pallan |
| 9. XXX | 46. Palluvan |
| 10. Bathada | 47. Pambada |
| 11. XXX | 48. Panan |
| 12. Bharathar (other than parathar),
Paravan | 49. XXX |
| 13. XXX | 50. Paraiyan , parayan, sambavar, sambavan
sambava, paraya, paraiya, parayar |
| 14. Chakkiliyan | 51. XXX |
| 15. Chamar, Muchi | 52. XXX |
| 16. Chandala | 53. XXX |
| 17. Cheruman | 54. Pulayan, cheramar, pulaya, pulayar
cherama, cheraman, wayanad pulayan
wayanadan pulayan, matha,
matha pulayan |
| 18. Domban | 55. XXX |
| 19. XXX | 56. Puthirai vanna |
| 20. XXX | 57. Reneyar |
| 21. XXX | 58. Samagara |
| 22. Gosangi | 59. Samban |
| 23. Hasla | 60. Semman, chemman, chemmar |
| 24. Holeya | 61. Thandan (excluding ezhuvas and)
thiyyas, who are known as thandan,
in the erstwhile cochin and Malabar
areas) and (carpenters who are known)
as thachan, in the erstwhile cochin and |
| 25. Kadaiyan | |
| 26. Kakkalan, Kakkan | |
| 27. Kalladi | |
| 28. Kanakkan, Padanna, Padannan | |
| 29. XXX | |
| 30. Kavara (other than telugu speaking or
Tamil speaking balija Kavaraj, havara, | |

Gavarai, Gavarai naidu, balija naidu, Travancore state.
Gajalu, Baliya or valai chetty)

- | | |
|--|---|
| 31. Koosa | 62. Thoti |
| 32. Kootan, Koodan | 63. Vallon |
| 33. Kudumban | 64. Valluvan |
| 34. Kuruvan, sidhanar, kuravar | 65. XXX |
| Kurava, sidhana | 66. XXX |
| 35. Maila | 67. Vetan |
| 36. Malayan (in the areas comprising the | 68. Vettuvan, pulaya vettuvan (in the areas |
| Malabar district as specified by sub- | of erstwhile cochin state only) |
| Section (2) of section 5 of the Re- organization | 69. Nerian |
| Act. 1956 (37 of 1956) | |
| 37. Mannan , pathiyan, perumannan | |
| Vannan, velan | |

LIST OF OTHER ELIGIBLE COMMUNITIES (OEC)

[See Clause 5.4.3(f))(Annexure to G. O. (MS) No. 14/2017/BCDD dated

02/08/2017)

OEC (ST)

1. Allar (Alan)
2. Chingathan
3. Irivavan
4. Kalanadi
5. Malayan, Konga-Malayan (Kasaragod, Kannur, Wayanad & Kozhikode Districts)
6. Kundu – Vadiyan
7. Kunuvarmanadi
8. Malamuttan
9. Malavettuvar (Except Kasargod & Kannur Districts)
10. Malayalar
11. Panimalayan
12. Pathiyan (Other than Dhobies)

OEC (SC)

1. Chakkamar
2. Madiga

3. Chemman/Chemmar
4. Kudumbi
5. Dheevara/Dheevaran (Arayan, Valan,Nulayan, Mukkuvan, Arayavathi, Valanchiyar, Paniyakal, Mokaya, Bovi, Magayar, Mogaveerar)
6. Scheduled Caste converted to Christianity
7. Kusavan, Kulalan, Kumbharan, Velaan. Odan, Andhrta Nair, Andhuru Nair
8. Pulayan Vettuvan (Except Kochi State)

LIST OF SOCIALLY AND EDUCATIONALLY BACKWARD CLASSES (SEBC)

[Vide G.O. (P) 208/66/Edn. dated 02.05.1966, G.O. (Ms) No. 95/08/SCSTDD dated 06.10.2008 & G.O. (Ms) No. 58/2012/SCSTDD dated 16.04.2012, G.O.(Ms) No. 10/2014/BCDD dated: 23.05.2014, Lr No. 1538/A2/2014/BCDD dated 02.07.2014]
[See Clause 5.4.2 (a)]

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- | | | |
|-------|--|---|
| I. | Ezhavas including Ezhavas, Thiyyas, Ishuvan, Izhuvan, Illuvan and Billava | Saliyas (Padmasali, Pattusali, Thogatta, Karanibhakatula, |
| II. | Muslims (all sections following Islam) | Senapathula, Sali, Sale, |
| III. | Latin Catholics and Anglo Indians | Karikalabhakulu, Chaliya, Chaliyan) |
| IV. | Dheevera including Dheeveran, Araya, Arayas, Arayan, Valan, Nulayan, Mukkuvan, Arayavathi, Valinjar, Paniakkal, Paniakel, Mukaya, Bovis-Mukayar, Mukaveeran, Mogaveera, Mogavirar, Mogayan | Sourashtra, Khatri, Patnukaran, Illathu Pillai, Illa Vellalar, Illathar |
| V. | Viswakarmas including Viswakarma, Asari, Chaptegra, Kallassari, Kalthachan, Kammala, Kamsala, Kannan, Karuvan, Kitaran, Kollan, Malayala Kammala, Moosari, Pandikammala, Pandithattan, Perumkollan, Thachan, Thattan, Vilkurup, Villasana, Viswabrahmanan or Viswabrahmanar, Viswakarmala and Palisa Perumkollan | 5. Bestha |
| VI. | Kusavan including Kulalan, Kulala Nair, Kumbaran, Velaan, Velaans, Velaar, Odan, Kulala, Andhra Nair, Anthuru Nair | 6. Bhandari or Bhondari |
| VII. | Other Backward Christians | 7. Boya |
| | (a) SIUC | 8. Boyan |
| | (b) Converts from Scheduled Castes to Christianity | 9. Chavalakkaran |
| | (c) Nadar Belonging to Christian denominations other than SIUC (As per order no. സ.ഉ.(കെ.) നം 08/2021/പി.വി.വി.വ തീയതി 21.06.2021) | 10. Chakkala (Chakkala Nair) |
| VIII. | Kudumbi | 11. Devadiga |
| IX. | Other Backward Hindus, i.e. | 12. Ezhavathi (Vathi) |
| | 1. Agasa | 13. Ezhuthachan, Kadupattan |
| | 2. Kharvi | 14. Gudigara |
| | 3. Aremahrati | 15. Galada Konkani |
| | 4. Arya, Atagara, Devanga, Kaikolan, (Sengunthar) Pattarya, Pattariyas, | 16. Ganjam Reddies |
| | | 17. Gatti |
| | | 18. Gowda |
| | | 19. Ganika including Nagavamsom |
| | | 20. Hegde |
| | | 21. Hindu Nadar |
| | | 22. Idiga including Settibaliya |
| | | 23. Jangam |
| | | 24. Jogi |
| | | 25. Jhetty |
| | | 26. Kanisu or Kaniyar-Panicker, Kaniyan, Kanisan or Kamnan, Kannian or Kani, Ganaka |
| | | 27. xxx |
| | | 28. Kalarikurup or Kalari Panicker |
| | | 29. Kerala Muthali, Kerala Mudalis |
| | | 30. Oudan (Donga) Odda (Vodde or Vadde or Veddai) |
| | | 31. Kalavanthula |
| | | 32. Kallan including Isanattu Kallar |
| | | 33. Kabera |

34. Korachas
35. x x x
36. Kannadiyans
37. Kavuthiyan, Kavuthiya
38. Kavudiyaru
39. Kelasi or Kalasi Panicker
40. Koppala Velamas
41. Krishnanvaka
42. Kuruba
43. Kurumba
44. Maravan (Maravar)
45. Madivala
46. Maruthuvar
47. Mahratta (Non-Brahman)
48. Melakudi (Kudiyan)
49. x x x
50. Moili
51. Mukhari
52. Modibanda
53. Moovari
54. Moniagar
55. Naicken including Tholuva Naicker and Vettillakkara Naicker, Naikkans
56. Padyachi (Villayankuppam)
57. Palli
58. Panniyar or Pannayar
59. Parkavakulam (Surithiman, Malayaman, Nathaman, Moopnar and Nainar)
60. Rajapuri
61. Sakravar (Kavathi)
62. Senaithalaivar, Elavania, Senaikudayam
63. Chetty/Chetties including Kottar Chetties, Parakka Chetties, Elur Chetties, Attingal Chetties, Pudukkada Chetties, Iraniel Chetties, Sri Pandara Chetties, Telugu Chetties, Udiyankulangara Chetties, Peroorkada Chetties, Sadhu Chetties, 24 Mana Chetties, Wayanadan Chetties, Kalavara Chetties and 24 Mana Telugu Chetties
64. Tholkolan
65. Thottian, Thottian
66. Uppara (Sagara)
67. Ural Goundan
68. Valaiyan
69. Vada Baliya
70. Vakkaliga
71. Vaduvan(Vadugan), Vaduka, Vadukan, Vadugar
72. Veera Saivas (Pandaram, Vairavi, Vairagi, Yogeaswar, Yogeaswara, Poopandaram, Malapandaram, Pandaran, Matapathi and Yogi)
73. Veluthedathu Nair including Vannathan, Veluthedan and Rajaka
74. Vilakkithala Nair including Vilakkathalavan, Ambattan Pranopakari, Pandithar and Nusuvan
75. Vaniya including Vanika, Vanika Vaisya, Vaisya Chetty, Vanibha Chetty, Ayiravar Nagarathar, Vaniyan, Vaniya Chetty, Vaniar
76. Yadava including Kolaya, Ayar, Mayar, Maniyani, Eruman, Iruman, Erumakkar, Golla and Kolaries
77. Chakkamar
78. Mogers of Kasaragod Taluk
79. x x x
80. x x x
81. x x x
82. Reddiars (throughout the State except in Malabar area)
83. Mooppar or Kallan Moopan or Kallan Moopar
84. Chakravar (As per Order No. 185/ACA1/2021 dated 11.01.2021)

The Hon'ble Supreme Court of India has directed that if any incident of ragging comes to the notice of the authority, the student concerned shall be given liberty to explain and if his explanation is not found satisfactory, the authority would expel him from the institution.”

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DIVISION OF THE CENTRALIZED ADMISSION PROCESS**

M G University, Priyadarshini Hills PO,
Athirampuzha – 686 560 Kottayam, Kerala, India

Sd/-

REGISTRAR

Affix Recent
Passport Size Photo
of the Scribe

Letter of Undertaking for Using Own Scribe

I..... a candidate
with(name of the disability)
appearing for the(name of the examination) bearing
Register No. at
(name of the centre) in the District,
(name of the state). My qualification is.....

I do hereby state that
(name of the scribe) will provide the service of scribe/reader/lab assistant for the
undersigned for taking the aforesaid examination.

I do hereby undertake that his qualification is
In case, subsequently it is found that his qualification is not as declared by the undersigned
and is beyond my qualification, I shall forfeit my rights to the post and claims relating
thereto.

I am also certify that the scribe is not a relative of me.

(Signature of the candidates with disability)

Place:

Date :

APPENDIX-I

Certificate regarding physical limitation in an examinee to write

This is to certify that, I have examined Mr/Ms/Mrs.....
(name of the candidates with disability), a person with
(nature and percentage of disability as mentioned in the certificate of
disability),S/o,D/o..... a resident of
.....(Village/District/State) and to state that he/she has
physical limitation which hampers his/her writing capabilities owing to his/her disability.

Signature

Chief Medical Officer/Civil Surgeon/
Medical Superintendent of a Government health
care institution

Name & Designation

Name of Government Hospital/Health Care Centre with Seal

Place:

Date:

Note: Certificate should be given by a specialist of the relevant stream/disability (eg. Visual impairment- Ophthalmologist, Locomotor disability – Prthopaedic specialist/PMR)