

**MAHARAJA'S COLLEGE, ERNAKULAM
(A GOVERNMENT AUTONOMOUS COLLEGE)**



PROSPECTUS



**ADMISSION TO
POST GRADUATE PROGRAMMES**

ACADEMIC YEAR 2020-21

Maharaja's surges ahead...

- ❖ **Centre of Excellence under the Govt. of Kerala**
- ❖ **College with Potential for Excellence (UGC)**
- ❖ **Accredited at A level by the NAAC**
- ❖ **Only Government Autonomous College in Kerala**
- ❖ **India's No: 1 Government Autonomous College
(EW India Higher Education Ranking 2020-21)**
- ❖ **Nodal Center of Ernakulam Cluster of Colleges**
- ❖ **Seventeen Research Departments**
- ❖ **Eighteen UG & PG Departments**
- ❖ **Twenty UG Programmes**
- ❖ **Twenty One PG Programmes**

PREFACE

Maharaja's College, Ernakulam is a unique institution of higher learning in the State. Its hoary tradition and consistent achievements in various fields of human activity envelop it with a halo of an outstanding temple of knowledge. Spread over a 25 acre campus, the College stands in the heart of the metro city of Kochi, with easy accessibility by road, rail, air or waterways. The College campus is refreshingly green thanks to the shady trees and gardens, fresh water ponds, etc. that lend a sylvan ambience to the premises.

Started in 1845 as a school, it was upgraded as a College in 1875 by the then Maharaja of Cochin. The history of the College is in a way the history of the State. Many of the alumni of the College have risen to be luminaries in the whole gamut of life. Originally an elite institution catering to the upper strata of society, the College metamorphosed over the years into an educational institution embracing all sects of the society, especially the underprivileged, without toning down the contents of the curriculum or the standards of excellence. At the same time, it has been striving to uphold social equity while providing quality education to all.

The College is a centre of excellence with 17 departments offering research facilities for Ph.D. Apart from this, 17 departments offer under graduate courses and postgraduate courses in various disciplines. The College has 15- acre playground with state of the art synthetic track, pavilion, etc. The College has been doing well in the Mahatma Gandhi University youth festival, bagging the first place or runner up position consistently. Many of the winners have cut a niche for themselves in the fields of cinema, television or the media.

The Government of Kerala has accorded the **Centre of Excellence** status to the College in view of the plethora of distinctions bagged by the College in various fields in succession. The UGC has capped it with the title **College with Potential for Excellence**. The NAAC reaccredited the College with **A Grade** in 2013. The College has got another feather on its cap with its inclusion in the **Cluster of Colleges** – a body exclusively formed to share the resources of a few select Colleges in and around the city.

The College was elevated to the status of **Autonomous College** by the Government of Kerala and UGC in the year 2014. This is the only Government College in Kerala which has been granted autonomy. The College is going ahead with its own admission process, curriculum and examination system from the academic year 2015-16 on. It is with great satisfaction that the College presents the Prospectus for admission to the Post Graduate Programmes, 2020-21 to the entire student community.

Special Grade Principal

ATTENTION

The Prospectus issued exclusively for admission to Post Graduate Programme (MSc Geology) in Maharaja's College, Ernakulam for the Academic Year 2020-21.

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 official website of the College www.maharajas.ac.in for notification and announcements.

This prospectus is subject to modification/addition/deletion as may be deemed necessary by the College.

The whole process of admission to the P.G. Programme (MSc Geology) will be done by the Maharaja's College. The College will not entertain any request for change of any date fixed in the admission from time to time.

Kindly text your feedbacks and queries to admission@maharajas.ac.in

Call us in 0484-2352838

1. CLASSIFICATION/CATEGORIZATION OF SEATS

Seats available in Post Graduate Programmes are classified as:

- Merit Seats
- Sports Quota Seats
- Cultural Quota Seats and
- Differently Abled Seats

2. RESERVATION OF SEATS

2.1 Types of Reservation: Out of the total Merit Seats available in the College for various PG Programmes, seats will be reserved for different categories under the following main items:

- i. Reservation for nominees
- ii. Reservation for Differently Abled Persons
- iii. Special Reservation and
- iv. Mandatory Reservation

2.1.1 Reservation for Nominees: (U.O No.Ac A1/3/2761/06 dated 20.07.2006) An additional seat shall be created and added to the total merit seats exclusively for the purpose of accommodating students sponsored by the Union Territory of Lakshadweep. This seat shall not be filled up with other candidates.

2.1.2 Reservation for Differently Abled Candidates (DA): 3% of the seats (the total number of seats of all PG Programmes in a College pooled together) are reserved for differently abled candidates for all Programmes. 1% (one percent of the seats in PG Programmes) of seats shall be reserved for each of the three sections of the differently abled (Blind, deaf and Orthopaedically challenged) with provision for interchange of seats, if candidates are not available in a particular category in a year. **The applicants under this category shall register online and submit the print out of the application form along with self-attested copies of the relevant documents to the college office by post.**

The selection of candidates under this category will be based on the rank in the inter-se merit list and physical suitability, and not on the basis of the degree of disability.

‘Differently Abled Person’ 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. A relaxation of 5% marks in the qualifying examination from the prescribed minimum is allowed.

No reservation of seats is allowed for Blind candidates for Programmes which come

under the Faculties of Science

Candidates seeking admission under DA category should attach with their application form, an attested copy of the 'Certificate of disability' issued by a District Medical Board or bodies of higher status, certifying the degree or percentage of disability.

Mark Relaxation for Differently Abled candidates

A relaxation of 5% marks in the qualifying examination from the prescribed minimum is allowed i.e. CGPA of 4.5 for CBCSS (Indirect Grading) applicants, CGPA of 1.80 for CBCSS (Direct Grading) applicants and 45% marks for pre - CBCSS applicants for admission to M Sc Programmes and CGPA of 4.00 for CBCSS (Indirect Grading) applicants, CGPA of 1.60 for CBCSS (Direct Grading) applicants and 40% marks for pre CBCSS applicants for admission to MA/M Com Programmes.

2.1.3 The selection of candidates under this category will be based on the rank in the inter-se merit list and physical suitability, and not on the basis of the degree of disability.

2.1.4 Special Reservation: The seats reserved under Sports Quota and Cultural Quota come under this category. **The applicants under this category shall register online and submit the print out of the application form along with self-attested copies of the relevant documents to the college office by post.**

2.1.5 (a) Reservation of seats under Sports Quota

The following norms are prescribed for admission under sports quota.

1. One seat for every 20 seats for M.A., M.Sc., M.Com Programmes with permission for interchangeability
2. Where the number of seats is less than 20 for a subject, the seats may be pooled together, M.A., M.Sc., and M.Com being treated separately. Where the number of seats, after pooling, exceeds multiples of 20, an additional seat can be earmarked, if the excess number is 15 or more.
3. Where the number of seats is still less than 15 after such pooling, all PG Programmes may be pooled together.
4. After such pooling, if the number of seats exceeds multiples of 20 an additional seat can be earmarked if the excess number is 15 or more.
5. A minimum of one seat may be given if there are no sufficient seats.

The applicant for admission to the Sports quota should have represented at least the District Sports Zone. Preference shall be given to Sportsmen who have represented the State/University over the sportsmen who have represented the District/College. The applicant will produce the Certificate from the Honorary Secretary of the State Association of the event

concerned to prove District representation. The following guidelines shall be followed in determining merit in sports and athletics for admission to the PG Programmes.

Points shall be awarded to the 1st (Winner or the Winning Team), Second (Runners up or Runners up team), third (third place) and participation as:

Category	1st	2nd	3rd	Participation
International Meet of Universities	100	80	60	40
Combined Indian Universities Team	75	50	25	15
National/Inter-State/All India Inter-University	40	20	15	10
South Zone Inter University	25	15	10	5

2.1.5 (b) Reservation of seats under Cultural Quota

1. One seat for every 20 seats for M.A., M.Sc., M.Com Programmes with permission for interchangeability
2. Where the number of seats is less than 20 for a subject, the seats may be pooled together, M.A., M.Sc., and M.Com being treated separately. Where the number of seats, after pooling, exceeds multiples of 20, an additional seat can be earmarked, if the excess number is 15 or more.
3. Where the number of seats is still less than 15 after such pooling, all PG Programmes may be pooled together.
4. After such pooling, if the number of seats exceeds multiples of 20 an additional seat can be earmarked if the excess number is 15 or more.
5. A minimum of one seat may be given if there are no sufficient seats.

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

Level	Points of Participation			
	1st	2nd	3rd	4th
National Inter University Youth Festival/Competition of Association of Indian Universities	50	30	20	10
Zonal Inter University Youth Festival/Competition of Association of Indian Universities	30	20	10	-
Annual University Youth Festival of any University in Kerala	20	10	5	-

In the absence of applicants who do not secure 1st, 2nd and 3rd and 4th places candidates with 'A' grade shall be considered for admission.

Candidates who possess 'A Grade'

- 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 was the University athletic champion will be given 3 extra points.
- v. Performance in any year during the Degree course in Mahatma Gandhi University will be taken into consideration.

vi. He/She must be available for University events unless specifically exempted by the Vice-Chancellor/Director of Physical Education, Mahatma Gandhi University.

3. Mandatory Reservation:

Leaving the seats set apart for Differently Abled candidates, the remaining seats for each Programme will be distributed as detailed below as per the **G.O.(Ms) No.107/08/H.Edn.dated 30.8.2008.**

Sl. No	Seat Reservation	% of Reservation	
I	State Merit (On the basis of merit)	50	
II	Socially and Educationally Backward Classes (SEBC)	20	
	(a) Ezhava (EZ)		8%
	(b) Muslim (MU)		7%
	(c) Latin Catholic (LC)/ Anglo-Indian		1%
	(d) Other Backward Christian(BX)		1%
	(e) Other Backward Hindu (BH)		3%
III	*Economically backward among forward communities	10	
IV	Scheduled Castes/Scheduled Tribes :	20	
	Scheduled Castes		15%
	Scheduled Tribes		5%

**For the limited purpose of reservation, under this category, candidates belonging to all those communities which do not enjoy communal reservation will be eligible.*

For reservation of 20% seats under SEBC, the total seats for PG Programmes in the College will be taken as one unit. If necessary, for allotment of such seats rotation system will be followed.

EWS Category

10% of the total seats in Government Colleges are reserved for applicants belonging to Economically Weaker Section among forward communities (EWS). Candidates who wish to avail reservation under EWS will have to produce the certificate that they come under the Below Poverty Line (BPL) category of forward communities from the local bodies concerned (Secretary, Panchayat/Municipality/Corporation) and community certificate from the village offices. For availing the benefit of reservation under this category the annual family income of the applicant shall not exceed the prescribed limit.

4. CLAIMS FOR MANDATORY RESERVATION AND CERTIFICATES TO BE PRODUCED

- (i) Claims for Mandatory Reservations must be made by a candidate at the time of submission of application, with supporting documents as required.
- (ii) The claims for **mandatory** reservation once made in the Application form cannot be altered by the candidate under any circumstances.

4.1.1. 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. The names of the castes and communities under SEBC are given in

Appendix 5.

- (a) Candidates belonging to Socially and Educationally backward Classes as per G.O.(P) 208/66/Edn. dated 2.5.1966, whose annual family income (i.e, annual income of all members of the family from all sources taken together) is upto Rs.8lakhs per annum (Rupees. Eight lakhs only per annum) are eligible for reservation under this category. The 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.
- (b) Candidates belonging to Ezhava, Muslim, Other backward Hindus, Latin Catholic/Anglo Indians/SIUC and Other backward Christian communities, claiming reservation under SEBC Quota should invariably produce both ‘**Community**’ and ‘**Income Certificates**’ obtained from the Village Officer concerned. The self-attested copy of the certificates should be attached with the application. Candidates whose annual family income is above Rs.8 lakhs (Rs. Eightlakhs) are not eligible for reservation. The seats un-availed by SEBC category candidates will be allotted under open quota.

4.1.2. Claim for Reservation under Kerala Scheduled Castes/Kerala Scheduled Tribes Quota

- (a) Candidates claiming reservation under Kerala Scheduled Castes/ Kerala Scheduled Tribes Quota should obtain caste/community certificate from the revenue authorities concerned. The names of castes and communities are given in Appendix2& 3. The candidates who are reconverted to Hinduism from Christianity of Scheduled caste origin should produce community certificate from Village Officer along with a copy of the gazette notification.
- (b) **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 revenue authorities concerned. Those OEC candidates whose annual family income **is up to Rs. 8 lakhs** alone are eligible for such seats.

They are exempted from payment of fee at the time of allotment to PG Degree Programmes under Government/Community quota irrespective of annual family income as per **G.O (Ms) No.36/07/SCSTDD dated 03.07.2007. They should produce Community Certificate from the Revenue Authorities concerned.**

4.2. OTHER GENERAL RULES FOR MANDATORY RESERVATION :

- 4.2.1** The seats unavailed by the SC candidates will be diverted to ST candidates and vice versa.

The unavailed seats reserved for SC/ST shall be re-notified through print media. If such seats are remaining vacant even after re-notification, these shall be filled from candidates belonging to OEC, and in their absence candidates belonging to SEBC. The seats that further remain unfilled shall go to open quota.

5. ELIGIBILITY FOR ADMISSION

5.1.1. Academic eligibility should be satisfied as on the last date for submission of academic data.

No candidate shall be admitted to the PG Degree Programme unless he/she possesses qualification and minimum requirement thereof.

5.1.2. 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.

5.1.3. (i) Candidates should have passed the corresponding Degree Examination under the 10 + 2 + 3 pattern with one core/main subject and two complementary/subsidiary subjects from any of the Universities in Kerala or of any other University recognized by Mahatma Gandhi University as equivalent thereto for admission, subject to the stipulation regarding marks.

OR

(ii) Candidates who have passed Degree examination with Double or Triple main subject or candidates who have passed the Degree Examination in Vocational or Specialized Programmes are also eligible for admission. However, they have to submit copy of the Equivalency/Eligibility Certificate from Mahatma Gandhi University, stating that, their Qualifying Examination is recognized for seeking admission to the relevant P.G. Degree Course(s) as applicable, at the time of admission. This provision is not applicable in the case of those applicants who have passed their qualifying examination from MG University.

(iii) The minimum requirements for admission to PG Degree Programme (MSc Geology) are:

FACULTY OF SCIENCE

	Graduates who have passed qualifying examination in CBCSS pattern	Graduates who have passed qualifying examination in other patterns
(i)	M.Sc. Geology	

<p>CBCSS Indirect Grading Graduation in Geology as core paper with not less than CGPA of 2.00 out of 4 under Core Group (Core + Complementary + Open Courses).</p> <p>CBCSS Direct Grading Graduation in Geology as core paper with not less than CCPA of 5.00 out of 10.00 under Core Group (Core + Complementary + Open Courses) .</p>	<p>Graduation in Geology under Part III (Main/Core + subsidiaries/Complementaries) with not less than 50% marks.</p>
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The Open course under core group is taken only for reckoning the eligibility for applying for the PG Programmes concerned. But a candidate cannot apply for the respective PG Programmes solely on the basis of the open course selected under core group

Relaxation in Marks in the qualifying examination:

5.1.4.Kerala Scheduled Caste/Scheduled Tribe Category: The minimum grade in the qualifying examination for admission to the PG Degree Programmes is E (CGPA of 4.00) for CBCSS(Indirect Grading) applicants, ‘C’ (CGPA of 1.5) for CBCSS(Direct Grading)applicants and a pass for pre CBCSS applicants.

5.1.5.SEBC Category: A relaxation of 3% marks in the qualifying examination from the prescribed minimum is allowed i.e.CGPA of 4.7 for CBCSS (Indirect Grading), CGPA of 1.88 for CBCSS (Direct Grading) applicants and 47% marks for pre-CBCSS applicants for admission to M.ScProgrammes and CGPA of 4.2 for CBCSS (Indirect Grading) applicants, CGPA of 1.68 for CBCSS (Direct Grading) applicants and 42% marks for pre-CBCSS applicants for admission to M.A/M.Com Programmes.

5.1.6.OEC Category: A relaxation of 5% marks in the qualifying examination from the prescribed minimum is allowed i.e. CGPA of 4.50 for CBCSS (Indirect Grading) applicants, CGPA of 1.80 for CBCSS (Direct Grading) applicants and 45% marks for pre - CBCSS applicants for admission to M.ScProgrammes and CGPA4.00 for CBCSS (Indirect Grading) applicants, CGPA of 1.60 for CBCSS (Direct Grading) applicants and 40% marks

for pre CBCSS applicants for admission to MA/M Com Programmes.

5.1.7. Differently Abled category: A relaxation of 5% marks in the qualifying examination from the prescribed minimum is allowed i.e. CGPA of 4.5 for CBCSS (Indirect Grading) applicants, CGPA of 1.80 for CBCSS (Direct Grading) applicants and 45% marks for pre - CBCSS applicants for admission to M.Sc Programmes and CGPA of 4.00 for CBCSS (Indirect Grading) applicants, CGPA of 1.60 for CBCSS (Direct Grading) applicants and 40% marks for pre CBCSS applicants for admission to MA/M Com Programme.

6. HOW TO APPLY

6.1 Application for admission to all the Programmes can be registered only online through a single application. The provision for applying online is available at the website www.maharajas.ac.in or www.maharajasonline.kerala.gov.in. Submission of more than one application by a candidate will lead to rejection of the candidature.

6.2 Application Fee:

The application fee will be as follows:

For All candidates : Rs. 200/-

Application fee can be remitted by all applicants through online payment gateway during the process of submission of online application form.

The application fee once remitted will not be refunded under any circumstances.

6.3 Availability of Prospectus

Prospectus and all appendixes can be downloaded from the website www.maharajas.ac.in. It will not be available by post or from the Office of the Principal, Maharaja's College, Ernakulam or from any other office.

6.4 Submission of Application Form

6.5 Stages in the Submission of Application Form

1. Application for admission to all the courses can be registered only online through a single application. The provision for applying online is available at the website www.maharajas.ac.in. Submission of more than one application by a candidate will lead to rejection of the candidature.

2. Application Fee: For All candidates: Rs. 200/-

3. Prospectus and all appendixes can be downloaded from the website www.maharajas.ac.in.

4. Stages in the Submission of Application Form.

Stage 1- Registration of Personal Data

Stage 2- Remittance of application fee through online payment gateway by candidate details entry.

Stage 3- Entry of Academic data and uploading of consolidated mark list.

5. The available course list can be seen and the candidate can choose course(s). The candidate can choose maximum three and minimum one course(s). There is facility for Adding /Deleting/Rearranging the courses.

6. To Delete an option

Remove the selected course from the selected list displayed at the right side of the application.

7. To Re-arrange options.

To change the preference of an existing option, remove the course from the selected list displayed at the right side of the application.

8. Final Submission

On completion of this process, the candidate must take a printout by clicking the button 'Final Submit', which is the application form.

The printout of the application form should be submitted at the time of admission (Hardcopy of the application form).

Candidates are requested to keep the Password and Registration ID strictly confidential to protect their interest.

7. PREPARATION OF RANK LIST:

Under Pre - CBCSS pattern, the ranklist of P.G degree Programmes will be prepared on the basis of the marks obtained in the qualifying examination in part III subjects unless otherwise mentioned, standardized to 1000. The index mark is arrived at after adding/deducting weightage/bonus marks/handicap marks, if any.

Under CBCSS (both direct and indirect grading) pattern, the CGPA secured for Part III Core group (Core + Complementary courses) unless otherwise mentioned shall be converted into marks out of 1000. The index mark is arrived at after adding /deducting weightage/bonus marks/handicap marks, if any.

8. Bonus Marks

The Bonus marks will be awarded as follows:

- a. **Bonus of five marks** will be awarded to NCC and NSS candidates for admission to all Programmes. **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 period of study for Undergraduate Programmes. An additional bonus mark of 3 will be given to 'A' certificate holders and 5 marks each to 'B' and 'C' Certificate holders in proof of their high proficiency.**
 - b. 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 of undergraduate study immediately preceding the P.G Programmes for which admission sought.
 - c. 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. Programmes. 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/herself. 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.
 - d. **The benefit of bonus marks can be scored by a candidate only under one category i.e.; either NSS or NCC.**
 - e. Bonus marks will be added only if the candidate has obtained the prescribed minimum qualifying marks in the qualifying examination while calculating the index marks.
8. Deduction will be made from the total ranking marks for those candidates who had availed more than one chance in passing the qualifying examination as detailed below:
- 8.1 Handicap mark of 5 will be deducted from the total rank marks for each additional appearance he/she has taken for completing the qualifying examination. *Number of chances means the number of chances for passing any part of the qualifying examination excluding cancellation.*
- 8.1.2** Wherever letter grades are given for the qualifying examination, the candidate should produce the relevant document so that the grades can be converted into actual marks. In the case of

grades where marks range is given, the mid value will be taken for computation of index marks.

9 Calculation of Index Marks

Index mark is calculated after adding /deducting the weightage/bonus marks/handicap marks, if any. For details regarding the weightage of marks for various Programmes, please refer to clause 5.1.3 relating to the eligibility for admission.

M Sc Geology Programme

CBCSS Pattern	Pre CBCSS Pattern
<p>CBCSS (Indirect Grading) CGPA secured for Part III Core +Complementary courses is taken into account for the calculation of index marks as stated below:- {[CGPA(Core courses) X total credit of core courses] + (CGPA of complementary course I X total credit for complementary courses I + (CGPA of complementary course II X total credit for complementary courses II)) / (total creditfor core courses + total credit for complementary courses)----- (A) (A) X 100----- (B) (i.e., marks out of 1000 for Core plus complementary) <u>{CGPA(Core courses) X total credit of core courses }X60 –I</u> Total credit for core courses (i.e., marksof Part III Core , Standardized to 600) The marks thus arrived at is standardized to 1000 i.e., <u>{ (B) + (C) }X1000----- (D)</u> 1600 Index mark = D + weightage + bonus marks – handicap marks, if any</p> <p>CBCSS (Direct Grading) CGPA secured for Part III Core +Complementary courses is taken into account for the calculation of index marks as stated below:- {[CGPA(Core courses) X total credit of core courses] + (CGPA of complementary course I X total credit for complementary courses I + (CGPA of complementary course II X total credit for complementary courses II)) / (total credit for core courses + total credit for complementary courses)----- (A) (A) X 250----- (B)</p>	<p>a)Marks secured for part III Main +subsidiary for Model I and marks secured for Core + Complementary + Vocational for Model II (standardized to 1000) --- (A) b)Marks Secured for Part III main(ModelII)/ Core papers (Model II) out of 600----- (B) c)The marks thus arrived at is standardized to 1000--- I Index Mark = C + (weightage + bonus marks, if any) – (handicap marks if any)</p>

(i.e., marks out of 1000 for Core plus complementary) <u>{CGPA(Core courses) X total credit of core courses }X6X25- I</u> Total credit for core courses (i.e., marks of Part III Core Standardized to 600) The marks thus arrived at is standardized to 1000 i.e., $\frac{\{(B) + (C)\} \times 1000}{1600} \dots \dots \dots (D)$ Index mark = D + weightage + bonus marks – handicap marks, if any	
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Resolving of Tie : In the case of more than one candidate obtaining equal index marks (including weightage/deduction if applicable), the candidate who has scored more marks in Part III Main will be placed higher in ranking. If the tie persists the candidate who has scored more marks in Part I common courses/papers English will be placed higher in ranking and if the tie still persists, the marks scored in Part II common course/additional language will be considered. If the tie still persists, the age of the candidates will be taken into account, the older being placed higher in the ranking. Even after this exercise, if the tie persists, the alphabetical order of the first name of the candidates will be taken into account.

Rounding of marks of 0.5 and above to the highest figure shall not be done while calculating the percentage of marks for minimum eligibility.

Fee to be paid at the time of admission

Programme	TF	Other fees	CDC	Total	Matriculation (only for students graduated from other universities)
I M.Sc. (Geology)	1890	3510	1000	6400	100

Fee details of students having concession

Concession category	Special Fees	Caution deposit	Total
SC/ST/OEC	20	Nil	20
SEBC/OBC	20	600	620

Note: PTA fund will be collected at the time of admission

FEE ONCE REMITTED SHALL NOT BE REFUNDED UNDER ANY CIRCUMSTANCES.

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

APPENDIX 1

Department wise details of Seats

Sl.No.	Name of Programme	Sanctioned Strength
12	M.Sc. Geology	12

NB: Marginal increase if any, will be allotted later

APPENDIX 2
List of Reservation Categories
LIST OF SCHEDULED CASTES

[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]

1	Adi Andhra	32	Malayan [In the areas comprising the Malabar District as specified by Sub-section (2) of Section 5 of the State Re-organization Act. 1956 (37 of 1956)].
2	AdiDravida	33	Mannan, Pathiyan, Perumannan, Vannan, Velan
3	Adi Karnataka	34	Moger (other than Mogeyar)
4	Ajila	35	Mundala
5	Arunthathiyar	36	Nalakeyava
6	Ayyanavar	37	Nalkadaya
7	Baira	38	Nayadi
8	Bakuda	39	Pallan
10	Bathada	40	Palluvan
12	Bharathar (Other than Parathar), Paravan	41	Pambada
14	Chakkiliyan	42	Panan
15	Chamar, Muchi	43	Paraiyan, Parayan, Sambavar, Sambavan, Sambava, Paraya, Paraiya, Parayar
16	Chandala	44	Pulayan, Cheramar, Pulaya, Pulayar, Cherama, Cheraman, WayanadPulayan, WayanadanPulayan, Matha, MathaPulayan
17	Cheruman	45	PuthiraiVannan
18	Domban	46	Raneyar
19	Gosangi	47	Samagara
20	Hasla	48	Samban
21	Holeya	49	Semman, Chemman, Chemmar
22	Kadaiyan	50	Thandan (excluding Ezhuvass 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 Travancore State)
23	Kakkalan, Kakkan	51	Thoti
24	Kalladi	52	Vallon
25	Kanakkan, Padanna, Padannan	53	Valluvan
26	Kavara (other than Telugu speaking or Tamil speaking BalijaKavarai, Gavara, Gavarai, Gavarai Naidu, Balija Naidu, GajaluBalija or ValaiChetty)	54	Vetan
27	Koosa	55	Vettuvan, PulayaVettuvan (in the areas of eastwhile Cochin State only).
28	Kootan, Koodan	56	Nerian
29	Kudumban	57	Vetan
30	Kuravan, Sidhanar, Kuravar, Kurava, Sidhana	58	Vettuvan, PulayaVettuvan (in the areas of eastwhile Cochin State only).
31	Maila	59	Nerian

APPENDIX 3
LIST OF SCHEDULED TRIBES (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]

1	Adiyan
2	Arandan [Arandan]
3	Eravallan
4	Hill Pulaya, Mala Pulayan, KurumbaPulayan, KuravazhiPulayan, PambaPulayan
5	Irular, Irulan
6	Kadar [Wayanad Kadar]
7	Kanikaran, Kanikkar
8	Kattunayakan
9	[Kochuvelan]
10	Koraga
12	Kudiya, Melakudi
13	Kurichchan [Kurichian]
14	Kurumans, Mullu Kuruman, Mulla Kuruman, Mala Kuruman
15	Kurumbas, [Kurumbar, Kurumban]
16	MahaMalasar
17	MalaiArayan [Mala Arayan]
18	MalaiPandaram
19	MalaiVedan [Malavedan]
20	Kudiya, Melakudi
21	Kurichchan [Kurichian]

22	Kurumans, Mullu Kuruman, Mulla Kuruman, Mala Kuruman
23	Kurumbas, [Kurumbar, Kurumban]
24	MahaMalasar
25	MalaiArayan [Mala Arayan]
26	MalaiPandaram
27	MalaiVedan [Malavedan]
28	Muthuvan, Mudugar, Muduvan
29	Palleyan, Palliyan, Palliyar, Paliyan
30	Paniyan
31	Ulladan, [Ullatan]
32	Uraly
33	Mala Vettuvan(in Kasaragod & Kannur districts)
34	Ten Kurumban, JenuKurumban
35	Thachanadan, ThachanadanMoopan
36	Cholanaickan
37	Mavilan
38	Karimpalan
39	VettaKuruman
40	Mala Panikkar

APPENDIX 4
LIST OF OTHER ELIGIBLE COMMUNITIES (OEC)

1	Chemman/Chemmar
2	Madiga
3	Pulluvan
4	Thachar (other than Carpenter throughout State excluding the erstwhile Malabar area)
5	Chakkamar
6	Varnavar
7	Kudumbi
8	Dheevara/Dheevaran, Arayan, Valan, Velans, Velar, Nulayan, Mukkuvan, Arayavathi, Valinjar, Paniakkal,
9	Mokaya, Bovi, Mogayar and Megavirar Peruvannan
10	Scheduled Castes converts.
11	Kusavan including Kusavar, Kulalan, Kumbaran, Velaan, Veelans, Odan, Andhra Nair, Anthru Nair

12	Malayan, (Konga-Malayan, Pani Malayan (in the erstwhile Malabar area alone)
13	Pathiyar (other than Dhobies)
14	Allar (Alan)
15	Malavettuvan
16	Malamuthan
17	KunduVadiyan
18	ThachanadanMoopan
19	Wayanad Kadar
20	Kalanadi
21	Chingathan
22	Malayalar
23	Malapanicker
24	Urindavan
25	Marati
26	PulayaVettuvan (except in the areas of eastwhile Cochin State)

List of Communities which are eligible for
Educational concessions as is given to OEC- Appendix 4
G.O (MS) No. 10/2014/BCDD Dated 23.05.2014

SL No	Name of the Community
1	Vaniya (Vanika, VanikaVaisya, VanibhaChetty , VaniyaChetty, AyiravarNagarathar, Vaniyan)
2	Veluthedathu Nair (Vannathan and Veluthedan)
3	Chetty/Chetties (KottarChetties, ParakkaChetties, ElurChetties, AttingalChetties, PudukkadaChetties, IranielChetties, Sri PandaraChetties, Telugu Chetties, UdiyankulangaraChetties, PeroorkadaChetties, SaduChetties, 24 ManaChetties, WayanadanChetties, KalavaraChetties and 24 ManaTeliguChetties
4	Ezhavathi (Vathy)
5	Ganika
6	Kanisu or KaniyarPanicker, Kani or Kaniyan (Ganaka) or Kanisan or Kamnan, KalariKurup / KalariPanicker
7	Vilkurup, Perumkollan
8	Yadavas (Kolaya, Ayar, Mayar, Maniyani and Iruman), Erumakkar
9	Devanga
10	Pattariyas
11	Saliyas (Chaliya, Chaliyan)
12	Pandithar
13	Vaniar
14	Ezhuthachan
15	Chakkala / Chakkala Nair
16	Reddiars (throughout the State except in Malabar Area)
17	Kavuthiya
18	Veerasaiva (Yogi, Yogeewara, Poopandaram, Malapandaram, Jangam, Matapathi, Pandaram, Pandaran, Vairavi, Vairagi)
19	Vilakkithala Nair - Vilakkithalavan
20	Vaduka – Vadukan, Vadugar, Vaduka, Vaduvan
21	Chavalakkaran
22	Agasa
23	Kaikolan
24	Kannadiyans
25	Kerala Mudalis
26	Madivala
27	Naikkans
28	Tholkolans
29	Thottian
30	Mooppar or KallanMoopan or KallanMoopar

APPENDIX 5

LIST OF SOCIALLY AND EDUCATIONALLY BACKWARD CLASSES (SEBCs) FOR WHOM CREAMY LAYER CRITERIA IS APPLICABLE

G.O (P) No. 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 and

G.O. (MS) No. 10/2014/BCDD.Dated 23.05.2014

- | | | |
|------|--|--|
| I. | Ezhavas including Ezhavas,
Thiyyas, Ishuvan, Izhuvan,
Illivan, Billava | 17. Gatti |
| II. | Muslims (All sections following
Islam) | 18. Gowda |
| III. | Latin Catholics/Anglo-Indian | 19. Ganika including Nagavamsom |
| IV. | Other Backward Christians
(a) SIUC
(b) Converts from Scheduled
Castes to Christianity | 20. Hegde |
| V. | Other Backward Hindus, i.e., | 21. Hindu Nadar |
| 1. | Agasa | 22. Idiga including Settibalija |
| 2. | Arayas including Valan,
Mukkuivan, Mukaya, Mogayan,
Arayan, Bovies, Kharvi, Nulayan
and Arayavathi | 23. Jangam |
| 3. | Aremahrati | 24. Jogi |
| 4. | Arya including Dheevara/
Dheevaran, Akagara, Devanga,
Kaikiotan(Senguthar), Pattarya,
Saliyas (Padmasali, Pattusali,
Thogatta, Karanibhakatula,
Senapathula, Sali, Sale,
Karikalabhakulu, Chaliya),
Sourashtra, Khatri, Patnukaran,
Illathu Pillai, IllaVellalar, Illathar | 25. Jhetty |
| 5. | Bestha | 26. Kanisu or kaniyar- Panicker,
Kaniyan, Kanisan, kannian, Kani,
Ganaka |
| 6. | Bhandari or Bhondari | 27. Kudumbi |
| 7. | Boya | 28. Kalarikurup or KalariPanicker |
| 8. | Boyan | 29. Kerala Muthali |
| 9. | Chavalakkaran | 30. Kusavan including Kulala ,
Kumbaran, Odan,
Oudan(Donga), Odda, (Vodde,
Vadde, Veddai) Velaan, Velaans,
Velar, Andhra Nair, Anthuru
Nair |
| 10. | Chakkala (Chakkala Nair) | 31. Kalavanthula |
| 11. | Devadiga | 32. Kallan including IsanattuKallar |
| 12. | Ezhvathi (Vathi) | 33. Kabera |
| 13. | Ezhuthachan , Kadupattan | 34. Korachas |
| 14. | Gudigara | 35. Kammalas including
Viswakarmala, Karuvan,
Kamsalas, Viswakarmas,
PandiKammala ,
MalayalKammalakannan,
Moosari, Kalthachan, Kallassari,
PerumKollam, Kollan, Thattan,
Pandithattan, Thachan, Asari,
Vilukurup, Viswabrahmins,
Kitara, Chaptegara |
| 15. | Galada Konkani | 36. Kannadiyans |
| 16. | GanjamReddies | 37. Kavuthiyan |
| | | 38. Kavudiyaru |

39. Kelasi or KalasiPanicker
40. KoppalaVelamas
41. Krishnanvaka
42. Kuruba
43. Kurumba
44. Maravan (Maravar)
45. Madivala
46. Maruthuvar
47. Mahratta (Non Brahmin)
48. Melakudi(Kudiyan)
49. Mogaveera
50. Moili
51. Mukhari
52. Modibanda
53. Muvvari
54. Moniagar
55. Naicken including
Tholuvanaicker and
Vettilakarnaicker
56. Padyachui(Villayankuppam)
57. Palli
58. Panniyar or pannayar
59. Parkavakulam (Surithiman,
Malayaman, Nathaman,
Mooppanar and Nainar)
60. Rajapuri
61. Sakravar (Kavathi)
62. Senaithalaivar, Elavania,
Senaikudayam
63. Chetty/Chetties (KottarChetties,
ParakkaChetties, ElurChetties,
AttingalChetties,
PudukkadaChetties,
IranialChetties, Sri
PandaraChetties, Telugu
Chetties,
UdiyankulangaraChetties,
PeroorkadaChetties,
SaduChetties, 24
ManaChetties,WayanadanChett
ies, KalavaraChetties and 24
ManaTeliguChetties
64. Tholkolan
65. Thottiyar
66. Uppara (Sagara)
67. Ural Goundan
68. Valaiyan
69. VadaBalija
70. Vakkaliga
71. Vaduvan (Vadugan)
72. Veerasaivas (Pandaram, Vairavi,
vairagi, Yogeaswar, Matapathi,
Yogi)
73. Veluthedathu Nair including
Vannathan, Veluthedan and
Rajaka
74. Vilakkathala Nair including
Vilakkathalavan,
AmbattanPranopakari,
Pandithar and Nusuvan
75. Vaniya including Vanika ,
VanikaVaiaya, VaisyaChetty ,
VanibhaChetty,
AyiravarNagarathar, Vaniyan
76. Yadava including kolaya, Ayar,
MayarManiyani, Eruman, Golla,
and kolaries
77. Chakkamar
78. Mogers of kasaragodTaluk
79. Maratis of HosdurgTaluk
80. Paravans of Malabar area
excluding kasaragodTaluk
81. Peruvannan (Varnavar)
82. Reddiars (throughout the State
except in Malabar area)
83. Mooppar or KallanMoopan or
KallanMoop

