

**UNIVERSITY OF KERALA**

(Abstract)

Eligibility Criteria and calculation of Index Mark – New PG Programmes for affiliated colleges with effect from 2020 admission onwards - Approved - Orders issued.

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**ACADEMIC A.II SECTION**

No.Ac.A.II.3/22543/2020

Dated, Thiruvananthapuram 16.11.2020

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- Read:1. Item no.I.01 of the Minutes of the meeting of the Academic Council held on 15/10/2020  
2. U.O. of even number dated 05.11.2020.

**ORDER**

The Academic Council vide paper read as (1) above, resolved to approve the Scheme and Syllabus of the following newly introduced Post Graduate Degree programmes for affiliated colleges with effect from 2020 admission onwards and U.O read as (2) above was issued accordingly.

1. M.Sc. Chemistry with Specialization in Drug Design and Development
2. M.Sc. Geology with Specialization in Geoinformatics
3. M.Sc. Physics with Specialization in Space Physics
4. M.Sc. Physics with Specialization in Nanoscience
5. M.Sc. Zoology with Specialization in Biosystematics and Biodiversity
6. M.Sc. Statistics with Specialization in Data Analytics
7. M.Sc. Botany with Specialization in Ethno Botany and Ethno Pharmacology
8. M.A Economics (Behavioural Economics and Data Science)
9. M.A Political Science (International Relations)
10. M.A History (World History and Historiography)
11. M.A Women's Studies
12. M.S.W (Disaster Management)

Candidates seeking admission to the new Post Graduate Degree programmes for affiliated colleges have to satisfy the academic eligibility as described in the following sub clauses as recommended by the Chairmen, Board of Studies/ Deans of Faculties.

	<b>Graduates who have passed qualifying examination in CBCS Pattern -2013 admissions onwards</b>	<b>Graduates who have passed qualifying examination in CBCS Pattern- Prior to 2013 admissions</b>	<b>Graduates who have passed qualifying examination in Annual scheme/ Other pattern</b>
<b>MA Courses</b>			
1.	<p><b>MA Economics (Behavioural Economics and Data Science)</b></p> <p>Graduates in Social Sciences, Science, Commerce and Engineering with not less than 4.5 CCPA (S)*out of 10. Fifteen percent of CCPA secured by students who have studied Core Course (Economics) converted to percentage (by the formula provided by respective Universities) will be added to percentage as weightage</p>	<p><b>MA Economics (Behavioural Economics and Data Science)</b></p> <p>Graduates in Social Sciences, Science, Commerce and Engineering with not less than 1.8 CGPA (S)*out of 4. Fifteen percent of CCPA secured by students who have studied Core Course (Economics) converted to percentage (by the formula provided by respective Universities) will be added to percentage as weightage</p>	<p><b>MA Economics (Behavioural Economics and Data Science)</b></p> <p>Graduation in Social Sciences, Science, Commerce and engineering with not less than 45% marks in Part III optional subjects. 15 percent of total marks secured in B.A.Economics be added as weightage to Economics graduates</p>
2.	<p><b>MA History (World History and Historiography)</b></p> <p>Graduation in any subject in the Faculty of Social Sciences or Graduation in the Faculty of Arts with English Language and Literature as the Core Course securing not less than 4.5 CCPA(S)* out of 10.</p> <p>Calculation of Index Mark is same as in the PG programme of History.</p>	<p><b>MA History (World History and Historiography)</b></p> <p>Graduation in any subject in the Faculty of Social Sciences or Graduation in the Faculty of Arts with English Language and Literature as the Core Course securing not less than 1.8 CGPA(S) * out of 4.</p> <p>Calculation of Index Mark is same as in the PG programme of History.</p>	<p><b>MA History (World History and Historiography)</b></p> <p>Graduation in any subject in the Faculty of Social Sciences or graduation in the Faculty of Arts with English Language and Literature as the main subject securing not less than 45% marks in Part III optional subjects.</p> <p>Calculation of Index Mark is same as in the PG programme of History.</p>

3.	<p><b>MA Political Science (International Relations)</b></p> <p>Graduates in any subjects with not less than 4.5 CCPA(S) out of 10. But the proportion of Engineering and Science graduates admitted should not exceed 10% of the total seats. A weightage of 100 marks be given to the candidates who have studied Political Science as Core Course. U.O. No.Ac. AII/3/59/2018 dated 29.06.2018</p> <p>Calculation of Index Mark is same as in the PG programme of Political Science.</p>	<p><b>MA Political Science (International Relations)</b></p> <p>Graduates in any subjects with not less than 1.8 CGPA(S) out of 4. But the proportion of Engineering and Science graduates admitted should not exceed 10% of the total seats. A weightage of 100 marks be given to the candidates who have studied Political Science as Core Course. U.O. No.Ac. AII/3/59/2018 dated 29.06.2018</p> <p>Calculation of Index Mark is same as in the PG programme of Political Science.</p>	<p><b>MA Political Science (International Relations)</b></p> <p>Graduates in any subjects with not less than 45% marks in Part III Optional Main subject concerned (including subsidiaries). But the proportion of Engineering and Science graduates admitted should not exceed 10% of the total seats. A weightage of 100 marks be given to the candidates who have studied Political Science as Core Course. U.O. No.Ac. AII/3/59/2018 dated 29.06.2018</p> <p>Calculation of Index Mark is same as in the PG programme of Political Science.</p>
4.	<p><b>MA Women's Studies</b></p> <p>Graduation in any subject irrespective of Faculty securing not less than 4.5 CCPA(S)* out of 10. Preference for B.A Women's Studies</p>	<p><b>MA Women's Studies</b></p> <p>Graduation in any subject irrespective of Faculty securing not less than 1.8 CGPA(S)* out of 4. Preference for B.A Women's Studies</p>	<p><b>MA Women's Studies</b></p> <p>Graduation in any subject irrespective of Faculty securing not less than 45% marks in Part III optional subjects. Preference for B.A Women's Studies</p>
<p>Subject to the general principles and University Rules regarding minimum marks/Grades, the candidates will be ranked on the basis of the CGPA(S)/CCPA(S) obtained and the same will be converted into marks for the purpose of indexing/ ranking. A weightage of 10 marks will be given (after normalization) to those who have studied Women's Studies as Core Course/ one of the courses in Double Main Programme and those who have studied the subject as Complementary Course.</p>			
<p><b>M.Sc Courses</b></p>			

1.	<p><b>M.Sc Botany with Specialization in Ethno Botany and Ethno Pharmacology</b></p> <p>B.Sc. with Botany as Core Course with not less than 5.5 CCPA(S)* out of 10. B.Sc. Clinical Nutrition and Dietetics (Vocational) (If Botany is one of the Core Course)/B.Sc. Industrial Microbiology (Vocational) (If Botany is one of the Core Course)/B.Sc. Biotechnology (Vocational) (If Botany is one of the Core Course)/ B.Sc. Botany and Biotechnology (Career related/restructured). B.Sc. Botany and Ayurvedic Pharmacy (Double main), B.Sc. Vocational course with the subject combinations Biotechnology, Chemistry, Zoology/Botany are also eligible.</p> <p><b>Ranking:</b></p> <p>The candidates will be ranked on the basis of the CCPA(S) plus the CCPA of the core ie, <math>A = \frac{\{(CCPA(S)* \times \text{Total Credits}) + (CCPA \text{ of Concerned Core Course} \times \text{Credit of Concerned Core Course})\}}{(\text{Total Credits} + \text{Credit of concerned Core Course})}</math> B=A*10 (*symbol for multiplication) B is then normalized to 1000.</p>	<p><b>M.Sc Botany with Specialization in Ethno Botany and Ethno Pharmacology</b></p> <p>B.Sc. with Botany as Core Course with not less than 2.2 CGPA(S)* out of 4. B.Sc. Clinical Nutrition and Dietetics (Vocational) (If Botany is one of the Core Course)/B.Sc. Industrial Microbiology (Vocational) (If Botany is one of the Core Course)/B.Sc. Biotechnology (Vocational) (If Botany is one of the Core Course)/ B.Sc. Botany and Biotechnology (Career related/restructured). B.Sc. Vocational course with the subject combinations Biotechnology, Chemistry, Zoology/Botany are also eligible</p> <p><b>Ranking:</b></p> <p>The candidates will be ranked on the basis of the CGPA(S)* plus the CGPA of the core ie <math>A = \frac{\{(CGPA(S) \times \text{Total Credits}) + (CGPA \text{ of Concerned Core Course} \times \text{Credit of Concerned Core Course})\}}{(\text{Total Credits} + \text{Credit of concerned Core Course})}</math> B=A*25 (*symbol for multiplication) B is then normalized to 1000.</p>	<p><b>M.Sc Botany with Specialization in Ethno Botany and Ethno Pharmacology</b></p> <p>B.Sc. with Botany as optional Main subject under Part III with not less than 55% marks for that part / B.Sc. Clinical Nutrition and Dietetics (Vocational) (If Botany is one of the main subjects)/B.Sc. Industrial Microbiology (Vocational)(If Botany is one of the main subjects)/ B.Sc. Biotechnology (Vocational) (If Botany is one of the main subjects)/ B.Sc. Botany and Biotechnology (restructured). B.Sc. Vocational course with the subject combinations Biotechnology, Chemistry, Zoology/ Botany are also eligible.</p> <p><b>Ranking:</b></p> <p>The candidates will be ranked on the basis of total marks obtained for the optional subjects plus the marks obtained in the Optional Main subject. <math>\{\text{Part III Total Marks (Out of 1000)} + \text{Marks obtained in concerned Main (Out of 600)} / 1600\} * 1000</math> in the case of candidates who have qualified under three main systems, the marks obtained in the three main plus the marks obtained in the main concerned will be used for ranking.</p>
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2.	<p><b>M.Sc Chemistry with Specialization in Drug Design and Development</b></p> <p>B.Sc. with Chemistry or Polymer Chemistry as Core Course and Mathematics as one of the Complementary Course securing not less than 5.5 CCPA(S)* out of 10 /B.Sc. Industrial Chemistry (Vocational) /B.Sc.Chemistry and Industrial Chemistry (Career related/ Restructured)</p> <p>Calculation of Index Mark for admission is as in par with regular MSc Chemistry.</p>	<p><b>M.Sc Chemistry with Specialization in Drug Design and Development</b></p> <p>B.Sc. with Chemistry or Polymer Chemistry as Core Course and Mathematics as one of the Complementary Courses securing not less than 2.2 CGPA(S)* out of 4/ B.Sc. Industrial Chemistry (Vocational)/B.Sc. Chemistry and Industrial Chemistry (Career related/Restructured)</p> <p>Calculation of Index Mark for admission is as in par with regular MSc Chemistry.</p>	<p><b>M.Sc Chemistry with Specialization in Drug Design and Development</b></p> <p>B.Sc. with Chemistry or Polymer Chemistry as optional Main subject and Mathematics as one of the subsidiary subjects under Part III securing not less than 55% marks for that part/ B.Sc. Industrial Chemistry (Vocational)/ B.Sc. Chemistry and Industrial Chemistry (Restructured)</p> <p>Calculation of Index Mark for admission is as in par with regular MSc Chemistry.</p>
3.	<p><b>M.Sc Geology with Specialization in Geoinformatics</b></p> <p>B.Sc. with Geology as Core Course securing not less than 5.5 CCPA(S) * out of 10. BSc Geology and Digital Surveying (Dual Main) securing not less than 5.5 CCPA(S) * out of 10.</p> <p>Existing ranking criteria for PG programme be followed.</p>	<p><b>M.Sc Geology with Specialization in Geoinformatics</b></p> <p>B.Sc. with Geology as Core Course securing not less than 2.2 CGPA(S) * out of 4.</p> <p>Existing ranking criteria for PG programme be followed.</p>	<p><b>M.Sc Geology with Specialization in Geoinformatics</b></p> <p>B.Sc. with Geology as Optional main subject under Part III securing not less than 55% marks for that part.</p> <p>Existing ranking criteria for PG programme be followed.</p>

4.	<p><b>M.Sc Physics with Specialization in Nanoscience</b></p> <p>B.Sc. with Physics as Core Course and Mathematics as one of the Complementary Course securing not less than 5.5 CCPA(S) * out of 10 / B.Sc. Optical Instrumentation (Vocational), Instrumentation (Vocational) / Electrical Equipment Maintenance (Vocational), Computer Applications (Career Related/ Vocational) / B.Sc. Physics &amp; Optical Instrumentation (Restructured)/B.Sc. Physics &amp; Computer Applications (Career Related/ Restructured)</p> <p>Existing ranking criteria for PG programme be followed.</p>	<p><b>M.Sc Physics with Specialization in Nanoscience</b></p> <p>B.Sc. with Physics as Core Course and Mathematics as one of the Complementary Course securing not less than 2.2 CGPA(S) * out of 4 / B.Sc. Optical Instrumentation (Vocational), Instrumentation (Vocational) / Electrical Equipment Maintenance (Vocational), Computer Applications (Career Related/ Vocational) / B.Sc. Physics &amp; Optical Instrumentation (Restructured)/B.Sc. Physics &amp; Computer Applications (Career Related/ Restructured)</p> <p>Existing ranking criteria for PG programme be followed.</p>	<p><b>M.Sc Physics with Specialization in Nanoscience</b></p> <p>B.Sc. with Physics as optional Main subject and Mathematics as one of the subsidiary subjects under Part III securing not less than 55% marks for that part/ B.Sc. Optical Instrumentation (Vocational), Instrumentation (Vocational)/Electrical Equipment Maintenance (Vocational), Computer Applications (Vocational)/ B.Sc. Physics &amp; Optical Instrumentation (Restructured)/ B.Sc. Physics &amp; Computer Applications (Restructured)</p> <p>Existing ranking criteria for PG programme be followed.</p>
5.	<p><b>M.Sc Physics with Specialization in Space Physics</b></p> <p>B.Sc. with Physics as Core Course and Mathematics as one of the Complementary Course securing not less than 5.5 CCPA(S) * out of 10 / B.Sc. Optical Instrumentation (Vocational), Instrumentation (Vocational) / Electrical Equipment Maintenance (Vocational), Computer Applications (Career Related/ Vocational) / B.Sc. Physics &amp; Optical Instrumentation (Restructured)/B.Sc. Physics &amp; Computer Applications (Career Related/ Restructured)</p> <p>Existing ranking criteria for PG programme be followed.</p>	<p><b>M.Sc Physics with Specialization in Space Physics</b></p> <p>B.Sc. with Physics as Core Course and Mathematics as one of the Complementary Course securing not less than 2.2 CGPA(S) * out of 4 / B.Sc. Optical Instrumentation (Vocational), Instrumentation (Vocational) / Electrical Equipment Maintenance (Vocational), Computer Applications (Career Related/ Vocational) / B.Sc. Physics &amp; Optical Instrumentation (Restructured)/B.Sc. Physics &amp; Computer Applications (Career Related/ Restructured)</p> <p>Existing ranking criteria for PG programme be followed.</p>	<p><b>M.Sc Physics with Specialization in Space Physics</b></p> <p>B.Sc. with Physics as optional Main subject and Mathematics as one of the subsidiary subjects under Part III securing not less than 55% marks for that part/ B.Sc. Optical Instrumentation (Vocational), Instrumentation (Vocational)/Electrical Equipment Maintenance (Vocational), Computer Applications (Vocational)/ B.Sc. Physics &amp; Optical Instrumentation (Restructured)/ B.Sc. Physics &amp; Computer Applications (Restructured)</p> <p>Existing ranking criteria for PG programme be followed.</p>

6.	<p><b>M.Sc Statistics with Specialization in Data Analytics</b></p> <p>B.Sc. Statistics/Applied Statistics; B.Sc. Mathematics (with Statistics complementary/subsidiary); B.Sc. Physics (with Statistics complementary/subsidiary) with not less than 5.5 CCPA(S) * out of 10. After setting apart the seats for mandatory reservations, from the remaining seats available under merit seats, 30% of those seats shall be reserved for candidates with B.Sc. Statistics/Applied Statistics Degree Course.</p> <p>The existing criteria for MSc programmes in the University for index mark calculation is applicable.</p>	<p><b>M.Sc Statistics with Specialization in Data Analytics</b></p> <p>B.Sc. Statistics/Applied Statistics; B.Sc. Mathematics (with Statistics complementary/subsidiary); B.Sc. Physics (with Statistics complementary/subsidiary) with not less than 2.2 CGPA(S) * out of 4. After setting apart the seats for mandatory reservations, from the remaining seats available under merit seats, 30% of those seats shall be reserved for candidates with B.Sc. Statistics/Applied Statistics Degree Course.</p> <p>The existing criteria for MSc programmes in the University for index mark calculation is applicable.</p>	<p><b>M.Sc Statistics with Specialization in Data Analytics</b></p> <p>B.Sc. Statistics/Applied Statistics; B.Sc. Mathematics (with Statistics complementary/subsidiary); B.Sc. Physics (with Statistics complementary/subsidiary) with not less than 55% marks in the concerned optional main subject (including subsidiaries). After setting apart the seats for mandatory reservations, from the remaining seats available under merit seats, 30% of those seats shall be reserved for candidates with B.Sc. Statistics/Applied Statistics Degree Course.</p> <p>The existing criteria for MSc programmes in the University for index mark calculation is applicable.</p>
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7.	<p><b>M.Sc Zoology with Specialization in Biosystematics and Biodiversity</b></p> <p>B Sc with Zoology as Core Course with not less than 5.5 CCPA(S)* out of 10/B Sc Industrial Fish and Fisheries (Vocational)/B Sc Biological Techniques and Specimen Preparation (Vocational)/B Sc Clinical Nutrition and Dietetics (if Zoology is one of the Core Course)/B Sc Industrial Microbiology (Vocational)(If Zoology is one of the Core Course)/B Sc Biotechnology (Vocational) (If Zoology is one of the Core Course).</p> <p>Existing criteria can be followed for calculation of Index Mark. Eligibility Criteria be given as 3 year BSc Degree in Zoology with Chemistry/Biochemistry and Botany as the subsidiary subjects from a recognized University.</p>	<p><b>M.Sc Zoology with Specialization in Biosystematics and Biodiversity</b></p> <p>B Sc with Zoology as Core Course with not less than 2.2 CGPA(S)* out of 4/B Sc Industrial Fish and Fisheries (Vocational)/B Sc Biological Techniques and Specimen Preparation (Vocational)/B Sc Clinical Nutrition and Dietetics (If Zoology is one of the Core Course)/B Sc Industrial Microbiology (Vocational)(If Zoology is one of the Core Course)/B Sc Biotechnology (Vocational)(If Zoology is one of the Core Course).</p> <p>Existing criteria can be followed for calculation of Index Mark. Eligibility Criteria be given as 3 year BSc Degree in Zoology with Chemistry/Biochemistry and Botany as the subsidiary subjects from a recognized University.</p>	<p><b>M.Sc Zoology with Specialization in Biosystematics and Biodiversity</b></p> <p>B Sc with Zoology as optional Main subject under Part III with not less than 55% marks for that part/B Sc Industrial Fish and Fisheries (Vocational)/B Sc Biological Techniques and Specimen Preparation (Vocational)/B Sc Clinical Nutrition and Dietetics (If Zoology is one of the main subjects)/B Sc Industrial Microbiology (Vocational) (If Zoology is one of the main subjects)/B Sc Biotechnology (Vocational) (If Zoology is one of the main subjects).</p> <p>Existing criteria can be followed for calculation of Index Mark. Eligibility Criteria be given as 3 year BSc Degree in Zoology with Chemistry/Biochemistry and Botany as the subsidiary subjects from a recognized University.</p>
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### **MSW Programme**

Academic eligibility and calculation of Index Mark for MSW (Disaster Management) shall be followed in the same pattern as that of the MSW course in the Semester System of the affiliated colleges of the University as given below.

#### **Eligibility for Admission:**

Graduation in any subject in the Faculties of Arts, Social Sciences, Science, Oriental Studies and Commerce securing not less than 45% marks in Part III - Optional Subjects. BBA Degree holders are also eligible.

#### **Calculation of the Index Mark:**

Entrance Test: 40%

Group discussion and Interview: 30%

Mark obtained for UG Examination: 30% or a maximum of 30 marks

Sanction has been accorded by the Vice Chancellor, subject to reporting to the Academic Council, to approve the Eligibility Criteria and calculation of Index Mark



mentioned above for the newly introduced Post Graduate programmes for affiliated colleges with effect from 2020 admission onwards.

Orders are issued accordingly.

**Sd/-  
MEENA ASHOK  
JOINT REGISTRAR (Academic)  
for REGISTRAR**

To

- 1.Members of the Syndicate
- 2.PS to VC/PVC
3. PA to Registrar/CE
- 4.The Dean, Faculty of Arts
5. The Dean, Faculty of Science
- 6.The Dean, Faculty of Social Science
7. All affiliated colleges offering PG Programmes
- 8.Chairmen, Board of Studies
- 9.Director, Kerala University Computer Centre
- 10.JR ExamI/II/Academic
- 11.DR Exams IV/VI/Academic
- 12.DR M&C and EB
- 13.AR PG Semester/EB/Academic
- 14.Tabulation section concerned/Ac. BII/Ac. H
  
15. PRO/RO/Enquiry
16. The Librarian, University Library , Karivattom/Palayam
17. Stock File/File Copy

**Forwarded/By Order**

**Section Officer**